

# Anti-Argonaute 2 (Ser-387), Phosphospecific Antibody

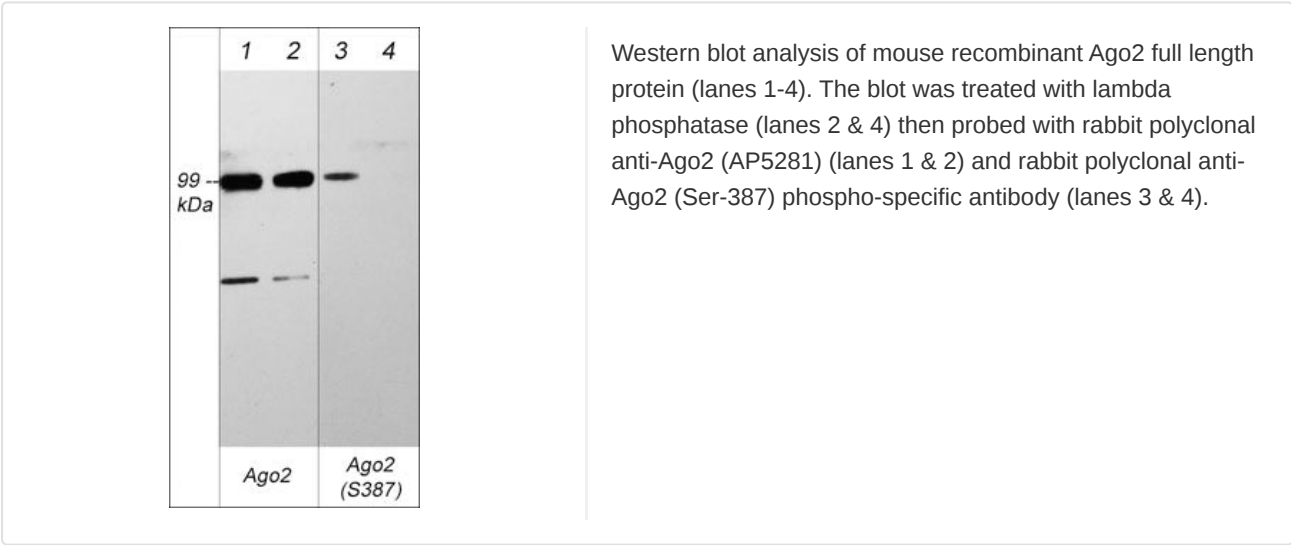


## Product Details

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| Available Variants | 100 µL (SKU:AP5291)                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Conjugate          | Unconjugated                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Isotype            | IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Gene Name          | AGO2                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Host Species       | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Format             | Antigen Affinity Purified                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Physical State     | Liquid                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Buffer             | PBS + 1 mg/ml BSA, 0.05% NaN <sub>3</sub> and 50% glycerol                                                                                                                                                                                                                                                                                                                                                                                                     |
| Applications       | ELISA, ICC, WB                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Dilution Ranges    | WB: 1:1000<br>ICC: 1:100                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Species Reactivity | Chicken, Frog, Human, Mouse, Rat                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Immunogen          | Phospho-Ago2 (Ser-387) synthetic peptide (coupled to KLH) corresponding to amino acid residues surrounding serine 387 in human Ago2. This peptide sequence is highly conserved in mouse, rat, chick, and fish Ago2. The site is also conserved in Ago1 and Ago4, but the homology surrounding the site is low between Ago2 and these two family members.                                                                                                       |
| Specificity        | This antibody was cross-absorbed to unphospho-Ago2 (Ser-387), before affinity purification using phospho-Ago2 (Ser-387) peptide (without carrier). The antibody detects a 97 kDa* protein corresponding to the apparent molecular mass of phosphorylated Ago2 on SDS-PAGE immunoblots of human A431 cells treated with Calyculin A and mouse recombinant Ago2 full length protein. This reactivity is not observed after lambda phosphatase dephosphorylation. |
| Molecular Weight   | 97                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Quality Control    | Western blots performed on each lot.                                                                                                                                                                                                                                                                                                                                                                                                                           |

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|------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Storage</b>                                 | Storage at -20°C is recommended, as aliquots may be taken without freeze/thawing due to presence of 50% glycerol. Stable for at least 1 year at -20°C.                 |
| <b>UniProt ID</b>                              | <u><a href="#">Q9UKV8</a></u>                                                                                                                                          |
| <b>Country of Origin</b>                       | United States                                                                                                                                                          |
| <b>Shipping</b>                                | Blue Ice                                                                                                                                                               |
| <b>Expiration</b>                              | After date of receipt, stable for at least 1 year at -20°C.                                                                                                            |
| <b>Usage Statement</b>                         | For research use only. Not intended for therapeutic or diagnostic use. Use of all products is subject to our terms and conditions, which can be viewed on our website. |
| <b>Post Translational Modification Type</b>    | Phosphorylated                                                                                                                                                         |
| <b>Post Translational Modification Residue</b> | Ser-387                                                                                                                                                                |

### Product Images



Product Page URL: [www.antibodiesinc.com/products/anti-argonaute-2-ser-387-phosphospecific-antibody-ap5291](http://www.antibodiesinc.com/products/anti-argonaute-2-ser-387-phosphospecific-antibody-ap5291)

