

## Anti-MeCP2 (Ser421) Antibody



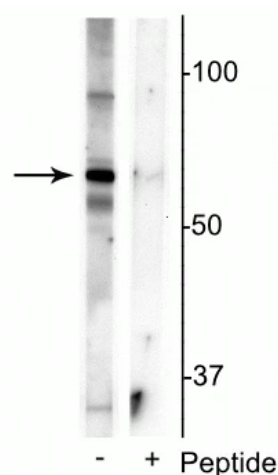
Pooled Serum

### Product Details

|                    |                                                                                                                                                                                                                                      |
|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Available Variants | 100 µL (SKU:p1205-421)<br>25 µL (SKU:p1205-421t)                                                                                                                                                                                     |
| Conjugate          | Unconjugated                                                                                                                                                                                                                         |
| Isotype            | IgG                                                                                                                                                                                                                                  |
| Gene Name          | MECP2                                                                                                                                                                                                                                |
| Host Species       | Rabbit                                                                                                                                                                                                                               |
| Format             | Antigen Affinity Purified from Pooled Serum                                                                                                                                                                                          |
| Physical State     | Liquid                                                                                                                                                                                                                               |
| Buffer             | 10 mM HEPES (pH 7.5), 150 mM NaCl, 100 µg per ml BSA and 50% glycerol.                                                                                                                                                               |
| Production Notes   | Prepared from pooled rabbit serum by affinity purification via sequential chromatography on phospho and non-phosphopeptide affinity columns.                                                                                         |
| Applications       | WB                                                                                                                                                                                                                                   |
| Dilution Ranges    | WB: 1:1000<br>WB Brain: 1:1000                                                                                                                                                                                                       |
| Species Reactivity | Mouse, Rat                                                                                                                                                                                                                           |
| Immunogen          | Synthetic phospho-peptide corresponding to amino acid residues surrounding Ser421 of mouse MeCP2, conjugated to keyhole limpet hemocyanin (KLH).                                                                                     |
| Specificity        | Specific for endogenous levels of the ~55 kDa truncated MeCP2 protein phosphorylated at Ser421. Immunolabeling is blocked by preadsorption with the phosphopeptide used as antigen, but not by the corresponding non-phosphopeptide. |
| Molecular Weight   | 55 kDa                                                                                                                                                                                                                               |
| Quality Control    | Western blots performed on each lot.                                                                                                                                                                                                 |

|                                                |                                                                                                                                                                        |
|------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <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>Antibody Registry ID</b>                    | AB_2492145                                                                                                                                                             |
| <b>UniProt ID</b>                              | <a href="#">Q9Z2D6</a>                                                                                                                                                 |
| <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>Expected Reactivity</b>                     | Human, Non-Human Primate                                                                                                                                               |
| <b>Post Translational Modification Type</b>    | Phosphorylated                                                                                                                                                         |
| <b>Post Translational Modification Residue</b> | Ser421                                                                                                                                                                 |
| <b>NCBI Gene ID</b>                            | 17257                                                                                                                                                                  |

## Product Images



Western blot of mouse whole brain lysate showing specific immunolabeling of the ~55 kDa truncated MeCP2 protein phosphorylated at Ser421 in the first lane (-). Phosphospecificity is shown in the second lane (+) where immunolabeling is blocked by preadsorption of the phosphopeptide used as the antigen, but not by the corresponding non-phosphopeptide (not shown).

Product Page URL: [www.antibodiesinc.com/products/anti-mecp2-ser421-antibody-p1205-421](http://www.antibodiesinc.com/products/anti-mecp2-ser421-antibody-p1205-421)



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