

Anti-Argonaute 2 (Tyr-393), Phosphospecific Antibody

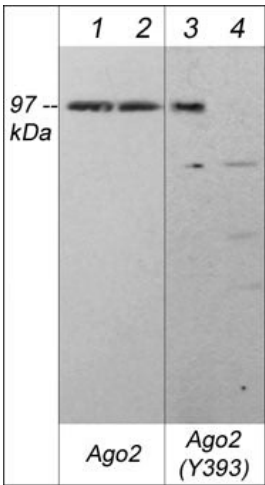


Product Details

Available Variants	100 µL (SKU:AP5311)
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 ₃ and 50% glycerol
Applications	ICC, WB
Dilution Ranges	WB: 1:1000 ICC: 1:50
Species Reactivity	Chicken, Frog, Human, Mouse, Rat
Immunogen	Phospho-Ago2 (Tyr-393) synthetic peptide (coupled to KLH) corresponding to amino acid residues surrounding tyrosine 393 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 not in Ago3.
Specificity	This antibody was cross-absorbed to unphospho-Ago2 (Tyr-393), before affinity purification using phospho-Ago2 (Tyr-393) peptide. The antibody detects a 97 kDa* protein corresponding to the apparent molecular mass of phosphorylated Ago2 on SDS-PAGE immunoblots of human A431 cells that were treated with EGF. This reactivity is not observed after lambda phosphatase dephosphorylation.
Molecular Weight	97
Quality Control	Western blots performed on each lot.

Storage	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.
UniProt ID	Q9UKV8
Country of Origin	United States
Shipping	Blue Ice
Expiration	After date of receipt, stable for at least 1 year at -20°C.
Usage Statement	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.
Post Translational Modification Type	Phosphorylated
Post Translational Modification Residue	Tyr-393

Product Images



Western blot analysis of human A431 cells treated with EGF (100 ng/ml for 60 min.) (lanes 1-4). The blot was treated with lambda phosphatase (lanes 2 & 4) then probed with rat monoclonal anti-Ago2 (AM5271) (lanes 1 & 2) and rabbit polyclonal anti-Ago2 (Tyr-393) phospho-specific antibody (lanes 3 & 4).

Product Page URL: www.antibodiesinc.com/products/anti-argonaute-2-tyr-393-phosphospecific-antibody-ap5311

