

Anti-Arp2 (Thr-237/Thr-238), Phosphospecific Antibody

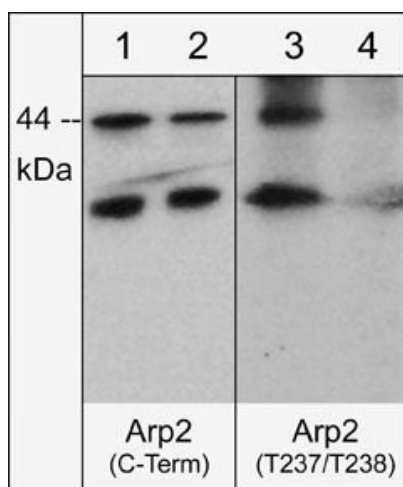


Product Details

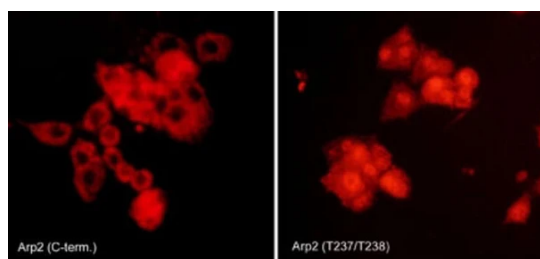
Available Variants	100 µL (SKU:AP3871)
Conjugate	Unconjugated
Isotype	IgG
Gene Name	ACTR2
Host Species	Rabbit
Format	Antigen Affinity Purified
Physical State	Liquid
Buffer	PBS + 1 mg/ml BSA, 0.05% NaN ₃ and 50% glycerol
Applications	ELISA, ICC, WB
Dilution Ranges	WB: 1:1000 ICC: 1:100
Species Reactivity	Chicken, Human, Mouse, Rat
Immunogen	Phospho-Arp2 (Thr-237/Thr-238) synthetic peptide (coupled to KLH) corresponding to amino acid residues surrounding threonine 237 and threonine 238 in human Arp2. This peptide sequence is highly conserved in rat, mouse, chicken, and fish Arp2 proteins.
Specificity	The antibody detects 44 and 32 kDa* proteins corresponding to the molecular mass of Arp2 on SDS-PAGE immunoblots of human A431 and Jurkat cells treated with Calyculin A. This reactivity is not observed after lambda phosphatase treatment.
Molecular Weight	44
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	<u>P61160</u>
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	T237/T238

Product Images



Western blot of human A431 cells treated with Calyculin A (100 nM) for 30 min. Blot lanes were untreated (lanes 1 & 2) or treated with lambda phosphatase (lanes 3 & 4) then probed with anti-Arp2 (C-terminal) (lanes 1 & 2) or anti-Arp2 (Thr-237/Thr-238) (lanes 3 & 4).



Immunocytochemical labeling of Arp2 phosphorylation in rat PC12 cells differentiated with NGF. The cells were probed with Arp2 (C-terminal region) and Arp2 (Thr-237/Thr-238) rabbit polyclonal antibodies, then the antibodies were detected using appropriate secondary antibody conjugated to Cy3.



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