

Anti-Metabotropic Glutamate Receptor 1a Antibody



Product Details

Available Variants	100 µL (SKU:2031-mGluR1a) 25 µL (SKU:2031-mGluR1at)
Conjugate	Unconjugated
Isotype	IgG
Gene Name	GRM1
Host Species	Rabbit
Format	Antigen Affinity Purified
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 using a column to which the peptide immunogen was coupled.
Applications	ELISA, IHC, WB
Dilution Ranges	WB: 1:1000 IHC: 1:500
Species Reactivity	Mouse, Rat
Immunogen	Synthetic peptide corresponding to amino acid residues from the C-terminal region of rat mGluR1a, conjugated to keyhole limpet hemocyanin (KLH).
Specificity	Specific for endogenous levels of the ~125 kDa monomer and the ~250 kDa mGluR1a dimer. Immunolabeling blocked by preadsorption of antibody with the peptide used to generate the antibody.
Molecular Weight	125/250 kDa
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.

Antibody Registry ID AB_2492150

UniProt ID [P23385](#)

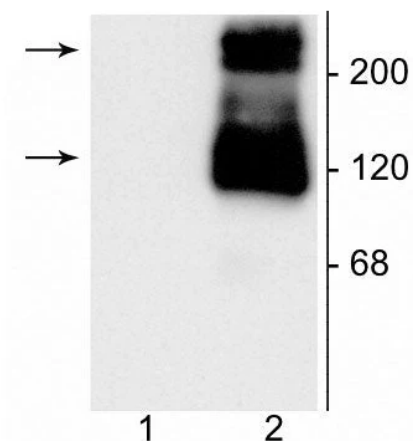
Shipping Blue Ice

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.

NCBI Gene ID 24414

Product Images



Western blot of 10 µg of HEK 293 cells expressing: 1) mGluR5 and 2) mGluR1a. Specific immunolabeling of the ~125 kDa monomer and the ~250 kDa dimer of mGluR1a is shown in the second lane (2). Specificity is confirmed in the first lane (1), as the mGluR1a antibody shows no reactivity toward mGluR5.

Product Page URL: www.antibodiesinc.com/products/anti-metabotropic-glutamate-receptor-1a-antibody-2031-mglur1a



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