

Anti-Metabotropic Glutamate Receptor 5/1a Antibody

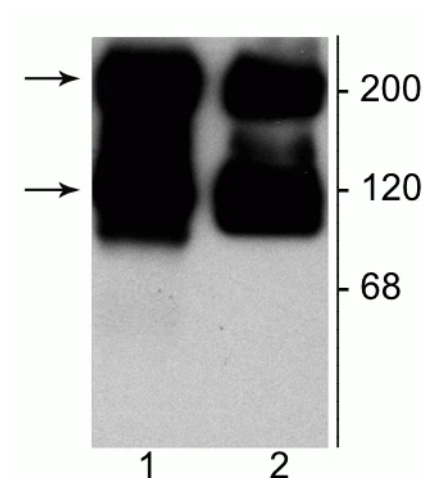


Product Details

Available Variants	100 μ L (SKU:2032-mGluR5/1) 25 μ L (SKU:2032-mGluR5/1t)
Conjugate	Unconjugated
Isotype	IgG
Gene Name	GRM5
Host Species	Rabbit
Format	Antigen Affinity Purified
Physical State	Liquid
Buffer	10 mM HEPES (pH 7.5), 150 mM NaCl, 100 μ g 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 mGluR5 and rat mGluR1a, conjugated to keyhole limpet hemocyanin (KLH).
Specificity	Specific for endogenous levels of the ~125 kDa monomer and the ~250 kDa dimers of mGluR5 and mGluR1. 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_2492152
UniProt ID	<u>P31424</u>
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.
Expected Reactivity	Human
NCBI Gene ID	24418

Product Images



Western blot of 10 µg of HEK 293 cells expressing: 1) mGluR5 and 2) mGluR1a showing the specific immunolabeling of the ~125 kDa monomer and the ~250 kDa dimers of both mGluR1a (2) and mGluR5 (1).

Product Page URL: www.antibodiesinc.com/products/anti-metabotropic-glutamate-receptor-5-1a-antibody-2032-mglur5-1



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