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anti-GRM2 antibody (N-Term)

3 Images



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Overview

Quantity:	50 μg
Target:	GRM2
Binding Specificity:	N-Term
Reactivity:	Human, Rabbit, Monkey
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GRM2 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Brand:	IHC-plus™	
Immunogen:	Synthetic 19 amino acid peptide from N-terminal extracellular domain of human GRM2 / MGLUR2. Percent identity with other species by BLAST analysis: Human, Chimpanzee, Gorilla, Gibbon, Monkey, Marmoset, Rabbit (100%), Mouse, Rat, Bovine, Dog, Bat, Elephant, Panda (95%), Hamster, Horse, Platypus (89%), Pig (84%).	
	Type of Immunogen: Synthetic peptide	
Specificity:	Human GRM2 / MGLUR2. BLAST analysis of the peptide immunogen showed no homology with other human proteins, except GRM3 (53 %).	
Predicted Reactivity:	Percent identity with other species by BLAST analysis: Human, Chimpanzee, Gorilla, Gibbon, Monkey, Marmoset, Rabbit (100%) Mouse, Rat, Bovine, Dog, Bat, Elephant, Panda (95%)	

Product Details	
	Hamster, Horse, Platypus (89%) Pig (84%).
Purification:	Immunoaffinity purified
Target Details	
Target:	GRM2
Alternative Name:	GRM2 / MGLUR2 (GRM2 Products)
Background:	Name/Gene ID: GRM2 Subfamily: Metabotropic glutamate Family: GPCR
	Synonyms: GRM2, Glutamate receptor homolog, GPRC1B, MGlu2, Metabotropic, GLUR2, MGLUR2
Gene ID:	2912
Pathways:	cAMP Metabolic Process, Dicarboxylic Acid Transport
Application Details	
Application Notes:	Approved: IHC, IHC-P (10 - 20 μg/mL)
	Usage: Immunohistochemistry: This antibody was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity. The optimal working concentration for this antibody was determined to be 4 μ g/mL.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	Lot specific

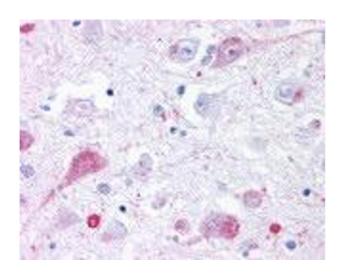
PBS, less than 0.1 % sodium azide.

Buffer:

Handling

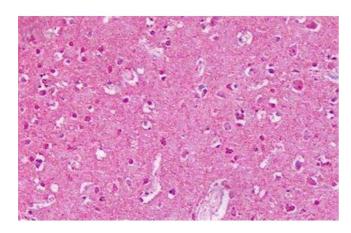
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Aliquot and store undiluted at -20°C or below for up to 1 year. Can be stored undiluted at 4°C for up to 1 month. Avoid freeze-thaw cycles.
Expiry Date:	12 months

Images



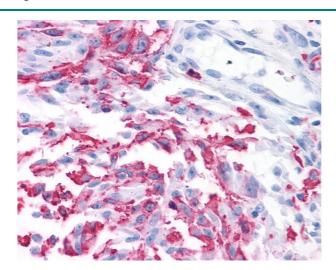
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Human Brain, Thalamus (formalin-fixed, paraffinembedded) stained with GRM2 antibody ABIN213522 at 4 ug/ml followed by biotinylated goat anti-rabbit lgG secondary antibody ABIN481713, alkaline phosphatase-streptavidin and chromogen.



Immunohistochemistry

Image 2. Anti-MGLUR2 / GLUR2 antibody IHC staining of human brain, cortex. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody ABIN213522 dilution 38474 ug/ml.



Immunohistochemistry

Image 3. Anti-GRM2 / MGLUR2 antibody IHC of human Skin, Melanoma. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.