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Datasheet for ABIN239868 anti-Metabotropic Glutamate Receptor 1 antibody (C-Term)

2 Images



Overview

Quantity:	50 µg
Target:	Metabotropic Glutamate Receptor 1 (GRM1)
Binding Specificity:	C-Term
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Metabotropic Glutamate Receptor 1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunohistochemistry (Paraffin- embedded Sections) (IHC (p))

Product Details

Brand:	IHC-plus™
Immunogen:	Synthetic peptide from human GRM1 / MGLUR1.
	Type of Immunogen: Synthetic peptide
Specificity:	Synthetic peptide from the C-terminus of human mGluR1 protein
Purification:	Affinity purified
Target Details	
Target:	Metabotropic Glutamate Receptor 1 (GRM1)
Alternative Name:	GRM1 / MGLUR1 (GRM1 Products)

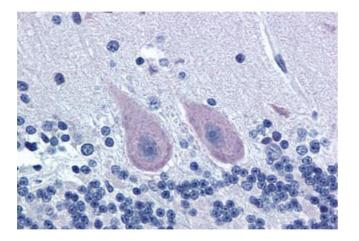
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Target Details	
Background:	Name/Gene ID: GRM1 Subfamily: Metabotropic glutamate
	Family: GPCR
	Synonyms: GRM1, GRM1A, GPRC1A, MGlu1, MGLUR1, SCAR13, MGLUR1A
Gene ID:	2911
UniProt:	Q13255
Application Details	
Application Notes:	Approved: IHC, IHC-P (20 µg/mL), WB
	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 20 μ g/mL.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	Lot specific
Buffer:	PBS, pH 7.4, 0.2 % BSA, 0.05 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	avoid freezing
Storage:	4 °C

Storage Comment:

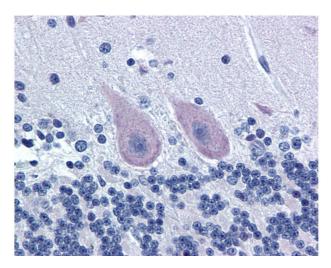
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Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Human Brain, Cerebellum (formalin-fixed, paraffinembedded) stained with GRM1 antibody ABIN239868 at 20 ug/ml followed by biotinylated goat anti-rabbit IgG secondary antibody ABIN481713, alkaline phosphatasestreptavidin and chromogen.



Immunohistochemistry

Image 2. Anti-GRM1 / MGLUR1 antibody IHC of human brain, cerebellum. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 20 ug/ml.

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