

Datasheet for ABIN343746 anti-GRM7 antibody (Internal Region)



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1 Image

Overview

Quantity:	100 µg
Target:	GRM7
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This GRM7 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	GRM7
Immunogen:	Peptide with sequence NCKLTISGSKKEDT , from the internal region of the protein sequence according to NP_000835.1, NP_870989.1.
Sequence:	NCKLTISGSK KEDT
Isotype:	IgG
Specificity:	This antibody is expected to recognize both reported isoforms (NP_000835.1, NP_870989.1).
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

Target:	GRM7
Alternative Name:	GRM7 (GRM7 Products)
Background:	GRM7, glutamate receptor, metabotropic 7, FLJ40498, GLUR7, GPRC1G, MGLUR7, mGlu7
Gene ID:	2917, 108073, 81672
NCBI Accession:	NP_000835 , NP_870989
Pathways:	Sensory Perception of Sound , cAMP Metabolic Process , Feeding Behaviour

Application Details

Application Notes:	Western Blot: Approx. 100 kDa band observed in Human Brain (Cerebellum) and in Mouse and Rat Brain lysates (calculated MW of 102 kDa according to NP_000835.1). Recommended concentration 0.5-2 µg/mL. Peptide ELISA: antibody detection limit dilution 1:32000.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
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:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Western Blotting

Image 1. ABIN343746 (0.5µg/ml) staining of Human Cerebellum lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.