

Datasheet for ABIN735998
anti-GRM4/6 antibody (AA 301-400)

2 Images

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Overview

Quantity:	100 µL
Target:	GRM4/6
Binding Specificity:	AA 301-400
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GRM4/6 antibody is un-conjugated
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), ELISA, Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Metabotropic Glutamate Receptor 4
Isotype:	IgG
Specificity:	This antibody detects Metabotropic Glutamate Receptor 4. It may also detect Metabotropic Glutamate Receptor 6 due to sequence similarity.
Cross-Reactivity:	Mouse, Rat
Predicted Reactivity:	Human,Pig,Rabbit
Purification:	Purified by Protein A.

Target Details

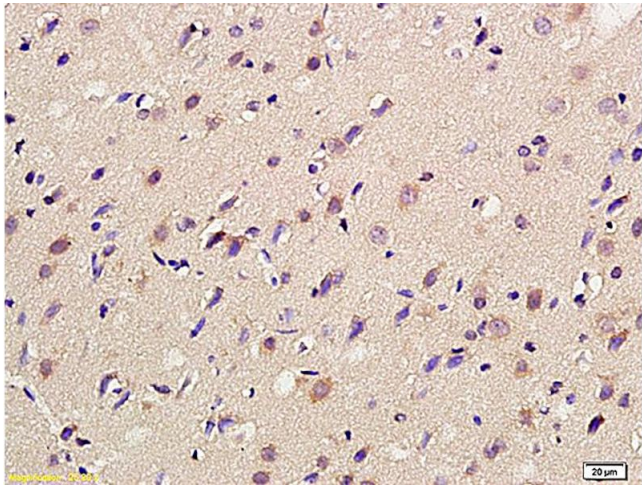
Target:	GRM4/6
Abstract:	GRM4/6 Products
Background:	Synonyms: mGlu4, GPRC1D, MGLUR4, Metabotropic glutamate receptor 4, GRM4 Background: G-protein coupled receptor for glutamate. Ligand binding causes a conformation change that triggers signaling via guanine nucleotide-binding proteins (G proteins) and modulates the activity of down-stream effectors. Signaling inhibits adenylate cyclase activity.
Gene ID:	2914
UniProt:	Q14833

Application Details

Application Notes:	ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

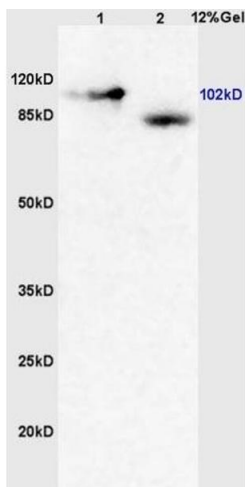
Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months



Immunohistochemistry

Image 1. Formalin-fixed and paraffin embedded rat brain labeled with Anti-mGluR4 Polyclonal Antibody, Unconjugated (ABIN735998) at 1:200 followed by conjugation to the secondary antibody



SDS-PAGE

Image 2. Lane 1: mouse brain lysates Lane 2: human colon carcinoma lysates probed with Anti GRM4/mGluR4 Polyclonal Antibody, Unconjugated (ABIN735998) at 1:200 in 4 °C. Followed by conjugation to secondary antibody at 1:3000 90min in 37 °C. Predicted band 102kD. Observed band size: 102kD.