Datasheet for ABIN7181343

anti-GRM8 antibody

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Overview

Quantity:	100 µL
Target:	GRM8
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GRM8 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Synthesized peptide derived from Human GluR8.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Target Details

Target:	GRM8
Alternative Name:	GRM8 (GRM8 Products)
Background:	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, such as adenylate cyclase. Signaling inhibits

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Target Details

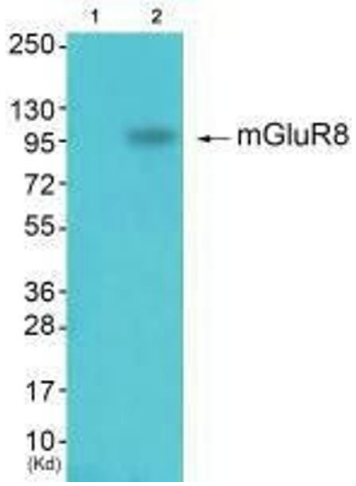
	adenylate cyclase activity. Patrick. M. Downey, J Biomol Screen, Dec 2005, 10: 841 - 848. RJ Wenthold, J. Biol. Chem., Jan 1994, 269: 1332 - 1339. Toshiaki Watanabe, Cancer Res., Oct 2006, 66: 9804 - 9808. V. Bruno, J. Neurosci., Sep 2000, 20: 6413. Aliases: FLJ41058 antibody, GLUR8 antibody, Glutamate receptor metabotropic 8 antibody, GPRC1H antibody, GRM8 antibody, GRM8_HUMAN antibody, Metabotropic glutamate receptor 8 antibody, MGC126724 antibody, mGlu8 antibody, mGluR8 antibody
UniProt:	O00222
Pathways:	cAMP Metabolic Process, Synaptic Membrane

Application Details

Application Notes:	WB:1:500-1:3000, IHC:1:50-1:100,
Restrictions:	For Research Use only

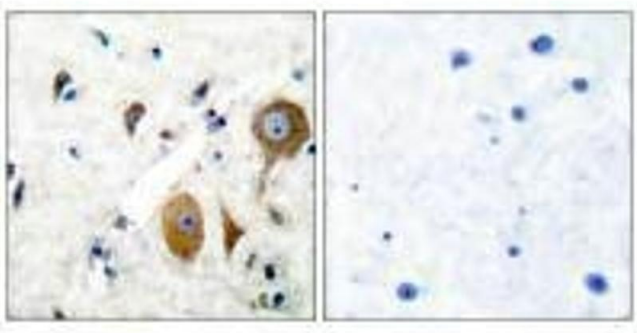
Handling

Format:	Liquid
Buffer:	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
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:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



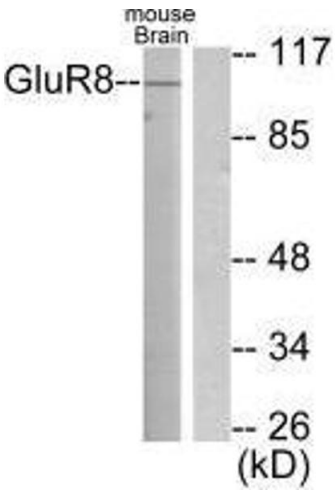
Western Blotting

Image 1. Western blot analysis of extracts from k562 cells (Lane 2), using mGluR8 antiobdy. The lane on the left is treated with synthesized peptide.



Immunohistochemistry

Image 2. Immunohistochemical analysis of paraffin-embedded human brain tissue using GluR8 antibody.



Western Blotting

Image 3. Western blot analysis of extracts from mouse brain, using GluR8 antibody.

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