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Datasheet for ABIN1533293
anti-GRM8 antibody (AA 841-890)

2 Images

Overview

| | |
|----------------------|--|
| Quantity: | 100 µg |
| Target: | GRM8 |
| Binding Specificity: | AA 841-890 |
| Reactivity: | Human, Mouse, Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This GRM8 antibody is un-conjugated |
| Application: | Western Blotting (WB), ELISA, Immunohistochemistry (IHC) |

Product Details

| | |
|---------------|---|
| Immunogen: | The antiserum was produced against synthesized peptide derived from human mGluR8. |
| Isotype: | IgG |
| Specificity: | mGluR8 Antibody detects endogenous levels of total mGluR8 protein. |
| Purification: | The antibody was purified from rabbit antiserum by affinity-chromatography using immunogen. |
| Purity: | > 95 % |

Target Details

| | |
|-------------------|---|
| Target: | GRM8 |
| Alternative Name: | mGluR8 (GRM8 Products) |
| Background: | Synonyms: GPRC1H, MGLUR8, mGlu8, GLUTAMATE RECEPTOR, METABOTROPIC, 8, glutamate |

Target Details

receptor, metabotropic 8 precursor

NCBI Gene Symbol: GRM8

Molecular Weight: 101 kDa

Gene ID: 2918

OMIM: 601116

UniProt: [O00222](#)

Pathways: [cAMP Metabolic Process](#), [Synaptic Membrane](#)

Application Details

Application Notes: WB: 1:500~1:1000 IHC: 1:50~1:100 ELISA: 1:10000

Comment: Unigene-Number: Hs.449625 (NCBI Gene Symbol: GRM8)

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.

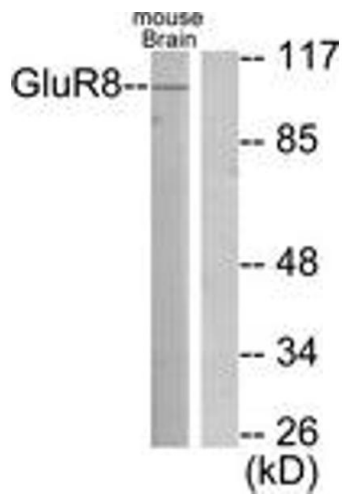
Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

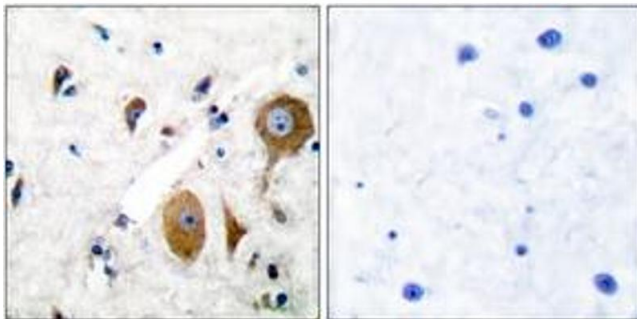
Storage Comment: Stable at -20°C for at least 1 year.

Expiry Date: 12 months



Western Blotting

Image 1. Western blot analysis of extracts from mouse brain cells, using mGluR8 Antibody. The lane on the right is treated with the synthesized peptide.



Immunohistochemistry

Image 2. Immunohistochemistry analysis of paraffin-embedded human brain tissue, using mGluR8 Antibody. The picture on the right is treated with the synthesized peptide.