

Datasheet for ABIN1533289

anti-Metabotropic Glutamate Receptor 4 antibody (AA 851-900)[Go to Product page](#)**2** Images

Overview

Quantity:	100 µg
Target:	Metabotropic Glutamate Receptor 4 (GRM4)
Binding Specificity:	AA 851-900
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Metabotropic Glutamate Receptor 4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human mGluR4.
Isotype:	IgG
Specificity:	mGluR4 Antibody detects endogenous levels of total mGluR4 protein.
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using immunogen.
Purity:	> 95 %

Target Details

Target:	Metabotropic Glutamate Receptor 4 (GRM4)
Alternative Name:	mGluR4 (GRM4 Products)
Background:	Synonyms: Metabotropic glutamate receptor 4, mGluR4, GPRC1D, MGLUR4, GRM4

Target Details

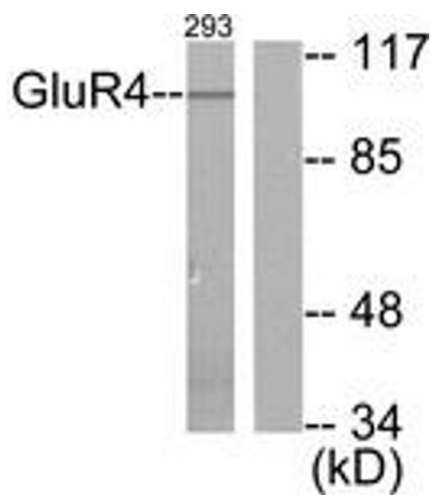
	NCBI Gene Symbol: GRM4
Molecular Weight:	101 kDa
Gene ID:	2914
OMIM:	604100
UniProt:	Q14833

Application Details

Application Notes:	WB: 1:500~1:1000 IHC: 1:50~1:100 ELISA: 1:10000
Comment:	Unigene-Number: Hs.654847 (NCBI Gene Symbol: GRM4)
Restrictions:	For Research Use only

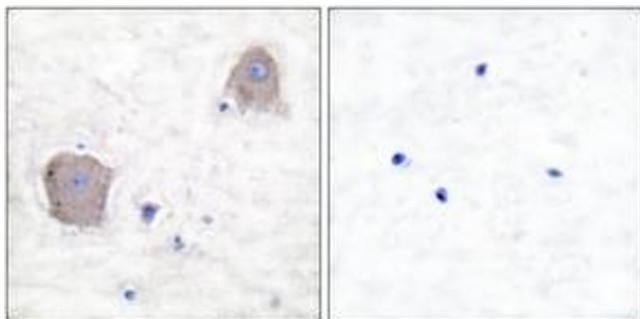
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), 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 293 cells, treated with Forskolin 40nM 30', using mGluR4 Antibody. The lane on the right is treated with the synthesized peptide.



Immunohistochemistry

Image 2. Immunohistochemistry analysis of paraffin-embedded human brain tissue, using mGluR4 Antibody. The picture on the right is treated with the synthesized peptide.