

Datasheet for ABIN1533292
anti-GRM7 antibody (AA 866-915)



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2 Images

Overview

Quantity:	100 µL
Target:	GRM7
Binding Specificity:	AA 866-915
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GRM7 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human mGluR7.
Isotype:	IgG
Specificity:	mGluR7 Antibody detects endogenous levels of total mGluR7 protein.
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using immunogen.
Purity:	> 95 %

Target Details

Target:	GRM7
Alternative Name:	mGluR7 (GRM7 Products)
Background:	Synonyms: otein name Metabotropic glutamate receptor 7, mGluR7, GRM7, GPRC1G, MGLUR7,

Target Details

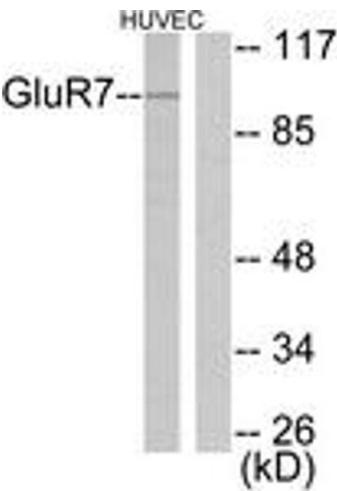
	NCBI Gene Symbol: GRM7
Molecular Weight:	102 kDa
Gene ID:	2917
OMIM:	604101
UniProt:	Q14831
Pathways:	Sensory Perception of Sound , cAMP Metabolic Process , Feeding Behaviour

Application Details

Application Notes:	WB: 1:500~1:1000 IHC: 1:50~1:100 ELISA: 1:20000
Comment:	Unigene-Number: Hs.606393, Hs.660131 (NCBI Gene Symbol: GRM7)
Restrictions:	For Research Use only

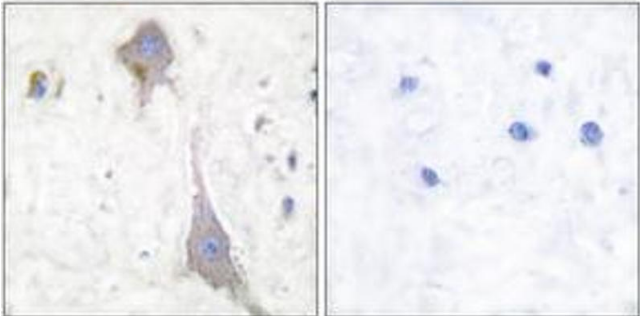
Handling

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 HuvEc cells, using mGluR7 Antibody. The lane on the right is treated with the synthesized peptide.



Immunohistochemistry

Image 2. Immunohistochemistry analysis of paraffin-embedded human brain tissue, using mGluR7 Antibody. The picture on the right is treated with the synthesized peptide.