

GluR7 Antibody

Catalog No: #33390

Package Size: #33390-1 50ul #33390-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

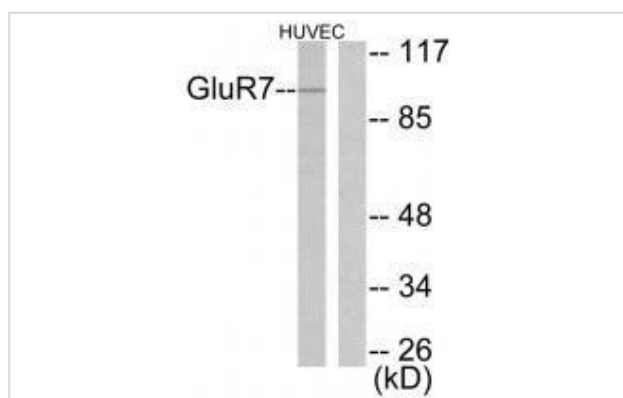
Product Name	GluR7 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB IHC
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous levels of total GluR7 protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from human GluR7.
Target Name	GluR7
Other Names	EAA5; GLR7; GluR7a; dJ1090M5.1 (glutamate receptor; ionotropic
Accession No.	Swiss-Prot: Q14831NCBI Gene ID: 2917
Uniprot	Q14831
GeneID	2917;
SDS-PAGE MW	100kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:500~1:3000

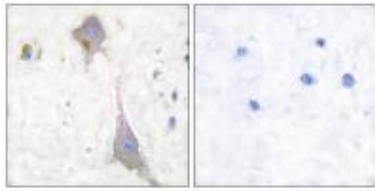
Immunohistochemistry: 1:50~1:100

Images



Western blot analysis of extracts from HuvEc cells, using GluR7 antibody #33390.

Immunohistochemical analysis of paraffin-embedded human brain tissue using GluR7 antibody #33390.



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 adenylyate cyclase. Signaling inhibits adenylyate cyclase activity.

Hans H. Schiffer, J. Neurosci., Dec 2000; 20: 9025.

Nathalie Strutz, J. Neurosci., Jan 2001; 21: 401.

FrB`B`dB`B`ric Jaskolski, J. Biol. Chem., Jun 2005; 280: 22968 - 22976.

DE Hamassaki-Britto, J. Neurosci., May 1993; 13: 1888.

Note: This product is for in vitro research use only