

Product Datasheet

KA2/GRIK5/Glutamate Receptor KA2 Antibody NBP1-36959

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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NBP1-36959**KA2/GRIK5/Glutamate Receptor KA2 Antibody**

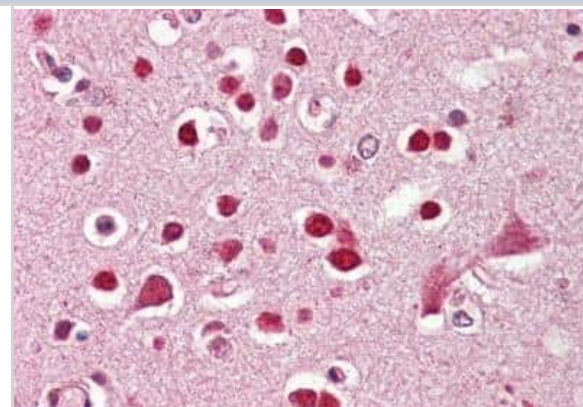
Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

Product Description	
Host	Goat
Gene ID	2901
Gene Symbol	GRIK5
Species	Human
Immunogen	Peptide with sequence C-GPAGPRELAEHE corresponding to C-Terminus according to NP_002079.3.

Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Peptide ELISA
Recommended Dilutions	Western Blot 1 ug/ml, Immunohistochemistry 3.75 ug/ml, Immunohistochemistry-Paraffin 3.75 ug/ml, Peptide ELISA Detection limit 1:32000
Application Notes	Western blot: Preliminary experiments gave an approx. 26kDa band in Human Brain (Frontal Cortex and Hippocampus) lysates after 1ug/ml antibody staining. Please note that currently we can not find an explanation in the literature for the band we observe given the calculated size of 109kDa according to NP_002079.3. The 26kDa band was successfully blocked by incubation with the immunizing peptide. IHC: Paraffin embedded Human Brain (Cortex).

Images

Immunohistochemistry-Paraffin: KA2/GRIK5/Glutamate Receptor KA2 Antibody [NBP1-36959] - (3.75ug/ml) staining of paraffin embedded Human Cortex. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Publications

Fotheringham J, Williams EL, Akhyani N, Jacobson S. Human herpesvirus 6 (HHV-6) induces dysregulation of glutamate uptake and transporter expression in astrocytes. *J Neuroimmune Pharmacol* 2008-06-01 [PMID: 18247129]





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Products Related to NBP1-36959

HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control
NBP2-68975PEP	KA2/GRIK5/Glutamate Receptor KA2 Recombinant Protein Antigen

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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