KCNH7 antibody

Cat. No. GTX16686

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF, IHC-Fr
Reactivity	Human, Mouse, Rat

References (1)
Package
50 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	Assay dependent
ICC/IF	Assay dependent
IHC-Fr	Assay dependent

Not tested in other applications.

Calculated MW 135 kDa. (Note)

Properties

Form	Liquid
Buffer	PBS, 1% BSA
Preservative	0.025% Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4ºC. For long-term storage, aliquot and store at -20ºC or below. Avoid multiple freeze-thaw cycles.
Concentration	0.6 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Peptide CPEFLDLEKSKLKSKE, corresponding to amino acid residues 1108-1123 (Intracellular, C-terminal part) of rat Kv11.3 (Accession : O54852).
Purification	Purified by antigen-affinity chromatography
Conjugation	Unconjugated
Note	For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption. Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

For full product information, images and publications, please visit our website.

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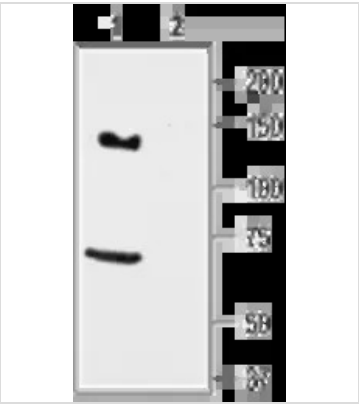
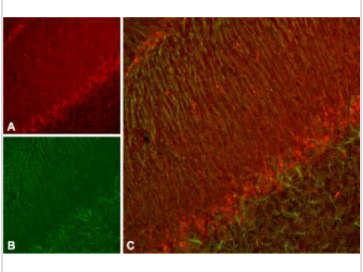
DATA IMAGES



GTX16686 WB Image

WB analysis of rat brain lysate using GTX16686 KCNH7 antibody preincubated with or without immunogen peptide.
Dilution : 1:300



GTX16686 IHC-Fr Image

IHC-Fr analysis of rat cerebellum tissue using GTX16686 KCNH7 antibody.
Panel A : Kv11.3 channel appears in glial processes (red).
Panel B : Staining of astrocytic fibers with mouse anti glial fibrillary acidic protein (GFAP, green).
Panel C : Merge of Kv11.3 channel and GFAP demonstrates colocalization in the molecular layer but separate localization of these proteins at the Purkinje cell layer.

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