

KCNK4 antibody

Cat. No. GTX16684

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

Package

50 µl

Applications

Application Note

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

Suggested dilution	Recommended dilution
WB	Assay dependent
IHC-Fr	Assay dependent

Not tested in other applications.

Calculated MW 43 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 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	0.8 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Peptide NLAFLDESSDTQSERGC, corresponding to amino acid residues 343-359 (Intracellular, C-terminus) of human KCNK4 (Accession : Q9NYG8).
Purification	Purified by antigen-affinity chromatography
Conjugation	Unconjugated

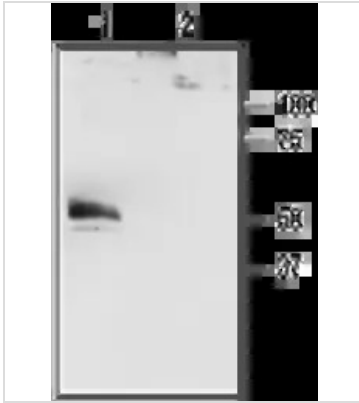
Note

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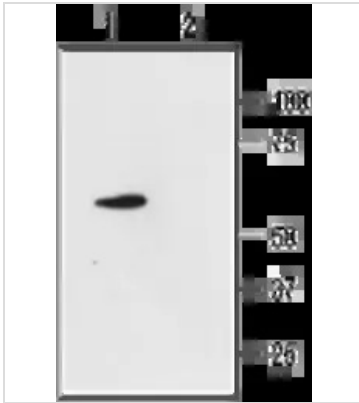


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DATA IMAGES

GTX16684 WB Image

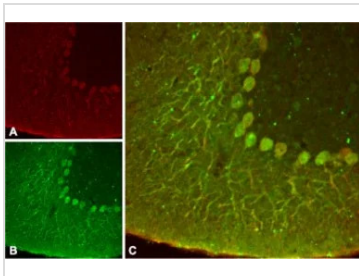
WB analysis of HEK-293-KCNK4 transfected cell lysates using GTX16684 KCNK4 antibody preincubated with or without immunogen peptide.

Dilution : 1:200


GTX16684 WB Image

WB analysis of rat cerebellum lysate using GTX16684 KCNK4 antibody preincubated with or without immunogen peptide.

Dilution : 1:200


GTX16684 IHC-Fr Image

IHC-Fr analysis of rat cerebellum tissue using GTX16684 KCNK4 antibody.

Panel A : KCNK4 channel appears in Purkinje neuronal processes (red).

Panel B : Staining of Purkinje nerve cells with mouse anti-calbindin D28K (a calcium binding protein, green).

Panel C : Merge of KCNK4 channel and calbindin D28K demonstrates the co-localization of these proteins.



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