

Kv1.5 antibody

Cat. No. GTX16716

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, IHC-Fr, FCM
Reactivity	Human, Rat, Guinea pig

References (1)

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
FCM	Assay dependent

Not tested in other applications.

Calculated MW 67 kDa. ([Note](#))

Properties

Form	Liquid
Buffer	PBS, 1% BSA
Preservative	0.05% 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 (C)DERELLRHPPVP(K), corresponding to amino acid residues 268-279 (1st extracellular loop) of rat KV1.5 (Accession : P19024).
Purification	Purified by antigen-affinity chromatography
Conjugation	Unconjugated

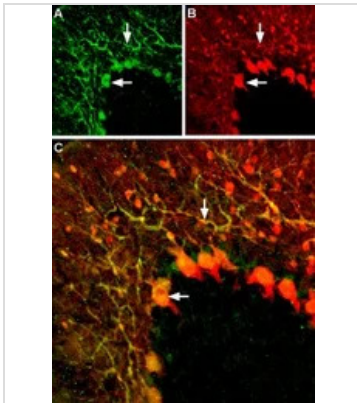
Note

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DATA IMAGES



GTx16716 IHC-Fr Image

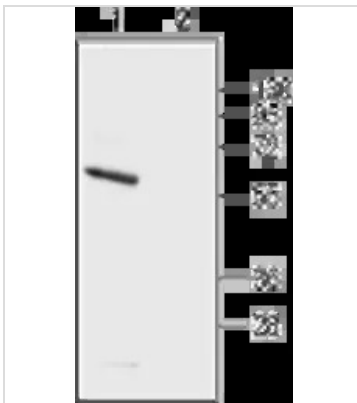
IHC-Fr analysis of rat cerebellum tissue using GTx16716 Kv1.5 antibody.

Panel A : Kv1.5 (green) appears in both the soma of Purkinje cells (horizontal arrows) and in Purkinje dendrites (vertical arrows).

Panel B : Neurons expressing gamma amino butyric acid (GABA) were labeled with mouse anti-parvalbumin antibody (red).

Panel C : Merge of the two images demonstrates partial colocalization (white arrows).

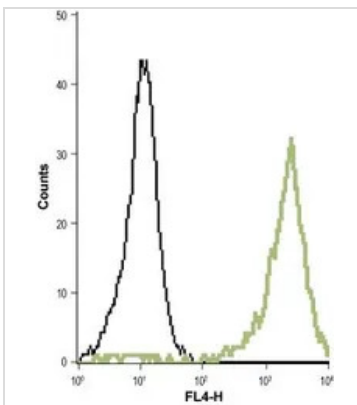
Dilution : 1:200



GTx16716 WB Image

WB analysis of rat brain membrane lysate using GTx16716 Kv1.5 antibody preincubated with or without immunogen peptide.

Dilution : 1:200



GTx16716 FCM Image

FACS analysis of THP-1 cells using GTx16716 Kv1.5 antibody.

Black : Unstained cell

Green : Cell staining with primary antibody

Dilution : 1:20



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