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Product datasheet for TA349116

KCNK1 Rabbit Polyclonal Antibody

## Product data:

Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	WB: 1 - 2 ug/mL, IHC: 5 ug/mL, IF: 20 ug/mL
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	KCNK1 antibody was raised against a 17 amino acid peptide near the carboxy terminus of human KCNK1.
Formulation:	PBS containing 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	KCNK1 antibody is affinity chromatography purified via peptide column.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	Predicted: 37 kDa; Observed: 35 kDa
Gene Name:	potassium two pore domain channel subfamily K member 1
Database Link:	NP_002236 Entrez Gene 16525 Mouse Entrez Gene 59324 Rat Entrez Gene 3775 Human O00180
Background:	The potassium channel, subfamily K, member 1 (KCNK1), is member of the superfamily of potassium channel proteins containing two pore-forming P domains (1,2). KCNK1 is a ubiquitous human weakly inward rectifying K+ channel that is widely expressed in human tissues, and particularly abundant in brain and heart (1). Both KCNK1 and the related protein KCNK2 contribute significantly to the passive conductance of hippocampal astrocytes (3).
Synonyms:	DPK; HOHO; K2P1; K2p1.1; KCNO1; TWIK-1; TWIK1
Protein Families:	Druggable Genome, Ion Channels: Potassium, Transmembrane

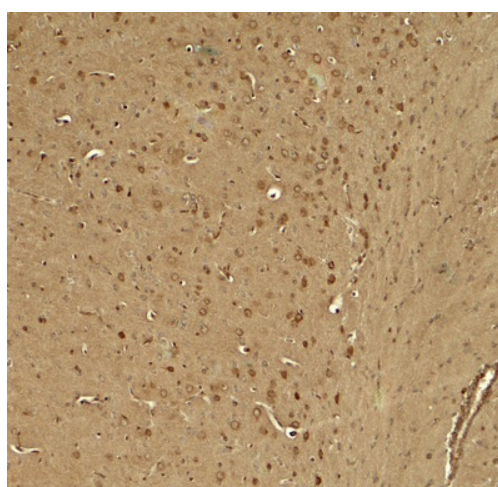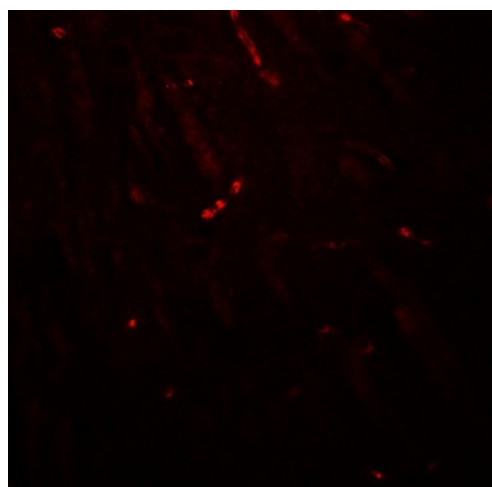View online »

Product images:
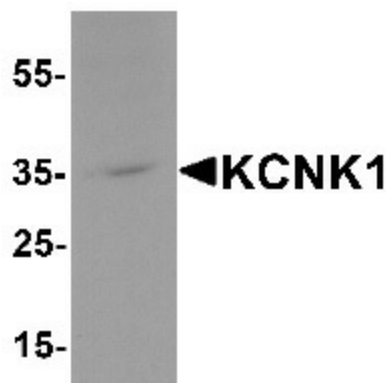
Western blot analysis of KCNK1 in 3T3 cell lysate with KCNK1 antibody at 1 ug/mL.

Immunohistochemistry of KCNK1 in mouse brain tissue with KCNK1 antibody at 5 ug/mL.

Immunofluorescence of KCNK1 in mouse brain tissue with KCNK1 antibody at 20 ug/mL.