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Product datasheet for AP06289PU-N

Kv3.2 (KCNC2) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	**Western blot:** 1/500-1/1000. **Immunohistochemistry on paraffin sections** : 1/50-1/200.
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Synthetic peptide, corresponding to amino acids 590-640 of Human KV3.2.
Specificity:	This antibody detects endogenous levels of Potassium Channel Kv3.2b/Kcnc2 protein. (region surrounding Pro626)
Formulation:	Phosphate buffered saline (PBS), pH 7.2. State: Aff - Purified State: Liquid purified Ig fraction Preservative: 0.05% sodium azide
Concentration:	1.0 mg/ml
Purification:	Affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE)
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	~ 70 kDa
Gene Name:	potassium voltage-gated channel subfamily C member 2

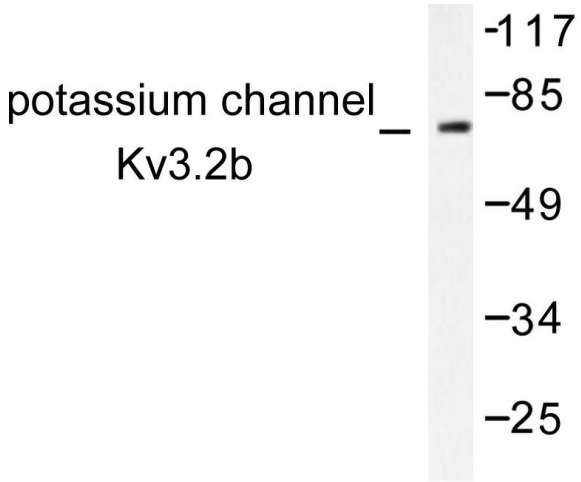
View online »

Database Link: Entrez Gene 3747 Human
Q96PR1

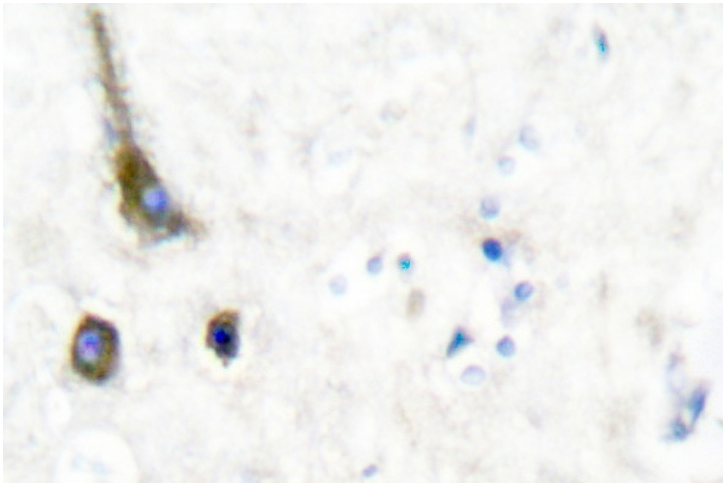
Background: Potassium channels contribute to maintaining cell volume, membrane potential, neuronal excitability and the secretion of transmitters, salt and hormones. Two families of potassium channels have been identified. One family includes the inwardly rectifying potassium channels whereas, the other family includes: voltage sensing (KV); big conductance, calcium activated (BKca); and small conductance, calcium activated (SK) potassium channels. Kv3.2 functions as a delayed rectifier type K+ channel activated by large membrane depolarizations.

Synonyms: Potassium voltage-gated channel subfamily C member 2, Voltage-gated potassium channel Kv3.2

Product images:



Western blot (WB) analysis of Potassium Channel Kv3.2b/Kcnc2 antibody in extracts from HepG2 cells.



Immunohistochemistry (IHC) analyzes of Potassium Channel Kv3.2b/Kcnc2 antibody in paraffin-embedded human brain tissue.