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Product datasheet for AP20254PU-M

KCNA3 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	**Immunohistochemistry on paraffin sections:** 1/50-1/200. **Immunoflourescence**: 1/50-1/200.
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Specificity:	This antibody detects endogenous levels of Kv1.3 protein.
Formulation:	Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2 State: Aff - Purified State: Liquid purified Ig fraction
Concentration:	1.0 mg/ml
Purification:	Affinity-chromatography using epitope-specific immunogen; 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.
Gene Name:	potassium voltage-gated channel subfamily A member 3
Database Link:	Entrez Gene 16491 MouseEntrez Gene 29731 RatEntrez Gene 3738 Human P22001
Background:	KCNA3 mediates the voltage-dependent potassium ion permeability of excitable membranes. Assuming opened or closed conformations in response to the voltage difference across the membrane, the protein forms a potassium-selective channel through which potassium ions may pass in accordance with their electrochemical gradient.
Synonyms:	Potassium voltage-gated channel subfamily A member 3, Voltage-gated potassium channel subunit Kv1.3, HPCN3, HGK5, HuKIII, HLK3
Protein Families:	Druggable Genome, Ion Channels: Potassium, Transmembrane

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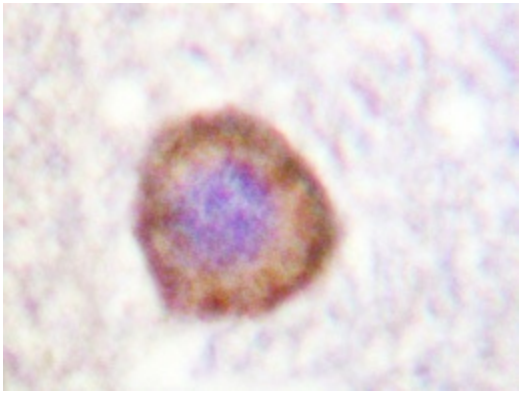
Product images:



Immunohistochemistry analyzes of Kv1.3 antibody ([AP20254PU-N]) in paraffin-embedded human brain tissue.