

Product datasheet for **TA326548**

Kcna1 Mouse Monoclonal Antibody [Clone ID: S20-78]

Product data:

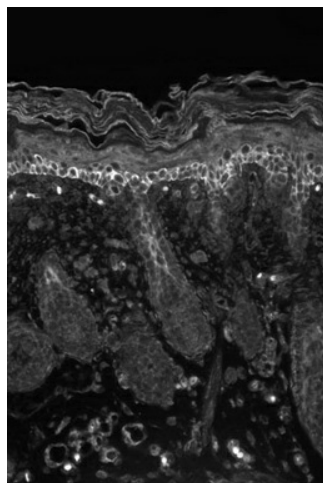
Product Type:	Primary Antibodies
Clone Name:	S20-78
Applications:	IHC
Recommended Dilution:	WB: 1ug/ml, IHC: 0.1-1ug/ml, IF: 1-10ug/ml
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Synthetic peptide amino acids 458-476 (cytoplasmic C-terminus) of rat Kv1.1 (EEDMNNSIAHYRQANIRTG)
Formulation:	PBS pH7.4, 50% glycerol
Concentration:	lot specific
Purification:	Protein G Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	potassium voltage-gated channel subfamily A member 1
Database Link:	NP_775118 Entrez Gene 3736 Human Entrez Gene 16485 Mouse Entrez Gene 24520 Rat P10499
Background:	Kv1.1, also known as potassium voltage-gated channel subfamily A member 1, is a shaker related voltage potassium channel that in humans is encoded by the SCNA1 gene . It is strongly expressed in a variety of neurons in adult rodents, and it appears to be involved in regulating neuronal excitability. Specifically it plays a role in several developmental processes including proliferation, migration and cell-cell adhesion . The Isaacs syndrome is a result of an autoimmune reaction against the Kv1.1 ion channel .
Synonyms:	AEMK; EA1; HBK1; HUK1; HUKI; Kv1.1; MBK1; MGC126782; MGC138385; MK1; RBK1



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Note: ~85kDa (major: Mature glycosylation), ~65kDa (minor: immature glycosylation)

Product images:



IHC analysis of Kv1.1 using the antibody