

Product datasheet for **TA326484**

Kv beta 1 (KCNAB1) Mouse Monoclonal Antibody [Clone ID: S9-40]

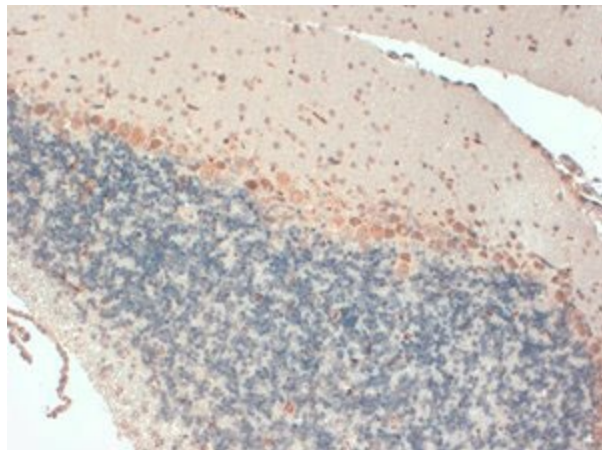
Product data:

Product Type:	Primary Antibodies
Clone Name:	S9-40
Applications:	IHC
Recommended Dilution:	WB: 1ug/ml, IHC: 0.1-1ug/ml, IF: 1-10ug/ml
Reactivity:	Mouse, Rat, Human
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	Synthetic peptide amino acids 7-28 (unique N-terminus) of rat Kv β 1.1 (TEHNLKSPNGEDRLLSKQSST)
Formulation:	PBS pH7.4, 50% glycerol, 0.09% sodium azide
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 regulatory beta subunit 1
Database Link:	NP_751892 Entrez Gene 16497 Mouse Entrez Gene 29737 Rat Entrez Gene 7881 Human Q14722
Background:	Depolarization-activated postassium channels (Kv) play a major role in shaping the electrical signals in the nervous system. KvBeta1.1 is expressed abundantly in rat brain, and is known to induce inactivation of the delayed rectifier channel Kv1.1 and Kv1.4Delta1-110 .
Synonyms:	AKR6A3; hKvb3; hKvBeta3; KCNA1B; KV-BETA-1; Kvb1.3
Note:	Detects ~44kDa. Does not cross react with KVbeta1.2, 1.3 or 2
Protein Families:	Druggable Genome, Ion Channels: Other



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Product images:



IHC analysis of KvBeta1.1 tested on mouse brain using the antibody