

Product datasheet for TA326482

Kv1.2 (KCNA2) Mouse Monoclonal Antibody [Clone ID: S14-16]

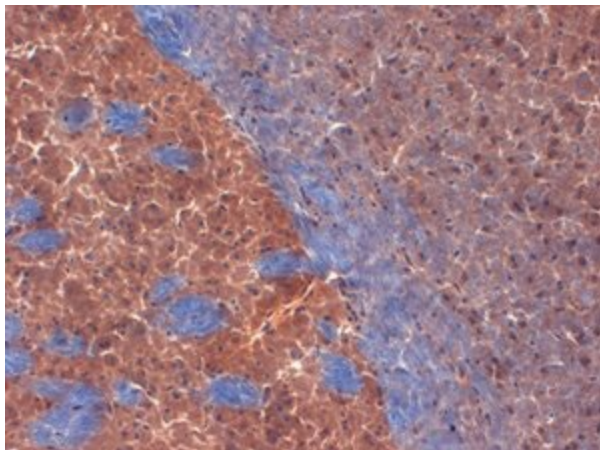
Product data:

Product Type:	Primary Antibodies
Clone Name:	S14-16
Applications:	IHC
Recommend Dilution:	WB: 1ug/ml, IHC: 0.1-1ug/ml, IF: 1-10ug/ml
Reactivity:	Human, Mouse, Rat, Xenopus, Zebrafish
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	Fusion protein amino acids 428-499 (cytoplasmic C-terminus) of rat Kv1.2
Formulation:	PBS pH7.4, 50% glycerol, 0.09% sodium azide
Concentration:	1 mg/ml
Purification:	Protein G Purified
Gene Name:	potassium voltage-gated channel subfamily A member 2
Database Link:	NP_004965 Entrez Gene 16490 Mouse Entrez Gene 25468 Rat Entrez Gene 3737 Human
Background:	Voltage gated channels are tetrameters composed of four alpha-subunits arranged around a central pore. Each alphasubunit consists of six transmembrane segments with cytoplasmic NH2 and COOH-termini. Members of the KV1- KV4 subfamilies generate functional K+ channels in a homotetrameric configuration .
Synonyms:	EIEE32; HBK5; HK4; HUKIV; KV1.2; MK2; NGK1; RBK2
Note:	Detects ~80kDa. No cross-reactivity against Kv1.1, 1.3, 1.4 or 1.6 expressed in transfected cells.
Protein Families:	Druggable Genome, Ion Channels: Potassium, Transmembrane



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Product images:



IHC analysis of Kv1.2 in frozen sections of mouse brain extract using the antibody