

Product datasheet for **TA326559**

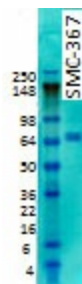
Kcnd2 Mouse Monoclonal Antibody [Clone ID: S57-1]

Product data:

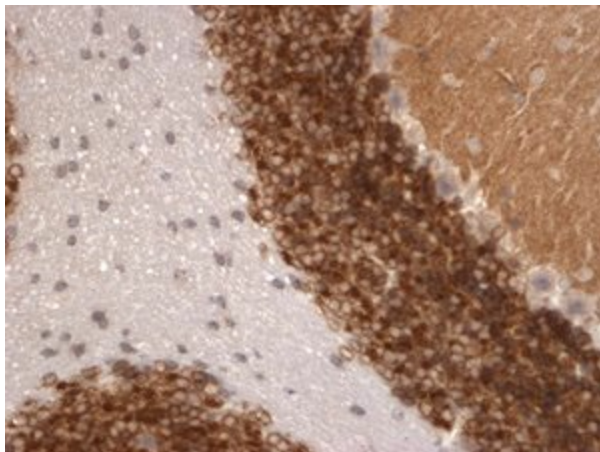
Product Type:	Primary Antibodies
Clone Name:	S57-1
Applications:	IHC, WB
Recommended Dilution:	WB: 1ug/ml, IHC: 0.1-1ug/ml, IF: 1-10ug/ml
Reactivity:	Mouse, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Synthetic peptide amino acids 209-225 (extracellular S1-S2 loop) of rat Kv4.2 (CGSSPGHIKELPSGERY)
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 D member 2
Database Link:	NP_113918 Entrez Gene 16508 Mouse Entrez Gene 65180 Rat Q63881
Background:	The Kv4.2 potassium channel is a voltage-gated channel protein which belongs to the delayed rectifier class and to the Shal potassium channel subfamily . All of the KV channels can product delayed-rectifier and transient A-type currents, all members of the KV4 subfamily mediate IA . Kv4 channels in the central nervous system localize to the soma and dendrites, and therefore are responsible for the somato-dendritic A-type K ⁺ current (ISA) .
Synonyms:	KIAA1044; KV4.2; MGC119702; MGC119703; RK5
Note:	~75-80kDa



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Product images:

Western blot analysis on rat brain membrane tissues using a 1:1000 dilution of the antibody



IHC analysis of Kv4.2 using the antibody