

Product datasheet for **TA326561**

Kcnip1 Mouse Monoclonal Antibody [Clone ID: S55-7]

Product data:

Product Type:	Primary Antibodies
Clone Name:	S55-7
Applications:	IHC
Recommended Dilution:	IHC: 0.1-1ug/ml, ICC: 0.1-1ug/ml
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Fusion protein amino acids 1-216 (Full length) of rat KChIP1b
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 interacting protein 1
Database Link:	NP_075218 Entrez Gene 30820 Human Entrez Gene 70357 Mouse Entrez Gene 65023 Rat Q8R426

Background: There are four member of the KChIPs (Kv4 potassium channel interacting protein) family. They are all EF handcontaining proteins required for the raffic of channelforming Kv4 K+ subunits to the plasma membrane . KChIP1 is expressed predominantly in the brain, with relative abundance in Purkinje cells of the cerebellum, the reticular neuclei, the medial habenular nuclei, the hippocampus and the striatum . It is expressed in a subpopulation of parvalbumin-positve neurons, suggesting its functional relationship with the GABAergic inhibitory neurons .

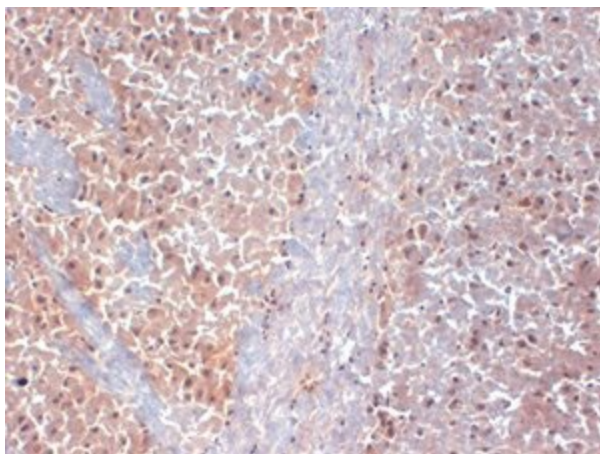
Synonyms: KCHIP1; MGC95; VABP



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Note: No cross-reactivity against rat KChIPs2,3

Product images:



IHC analysis of KCHIP1 in frozen sections of mouse brain extract using the antibody