

Product datasheet for **TA326564**

Kcni3 Mouse Monoclonal Antibody [Clone ID: S66-38]

Product data:

Product Type:	Primary Antibodies
Clone Name:	S66-38
Applications:	IHC
Recommended Dilution:	WB: 1ug/ml, IHC: 0.1-1ug/ml, IF: 1-10ug/ml
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Fusion protein amino acids 1-256 (Full length) of rat Calsenillin/DREAM/KChIP3
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 3
Database Link:	NP_115851 Entrez Gene 30818 Human Entrez Gene 56461 Mouse Entrez Gene 65199 Rat Q9JM47

Background: There are four member of the KChIPs (Kv4 potassium channel interacting protein) family. They are all EF handcontaining proteins required for the traffic of channelforming Kv4 K+ subunits to the plasma membrane . KChIP3 is also known as calsenilin and as the transcription factor, downstream regulatory element antagonist modulator (DREAM), which regulates a number of genes including prodynorphon. They are highly expressed in the hippocampus. Through its various functions, it may play a role in the regulation of synaptic plasticity, learning and memory .

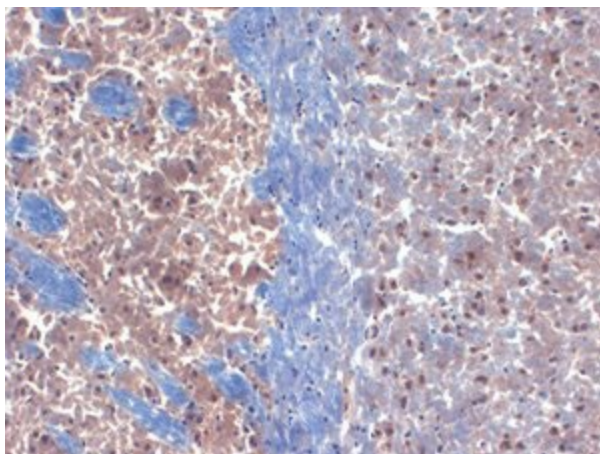
Synonyms: calsenilin; CSEN; DREAM; KCHIP3; MGC18289



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Note: Detects ~34kDa. No cross reactivity against KCIPs 1,2 or 4

Product images:



IHC analysis of KCHIP3 in frozen sections of mouse brain extract using the antibody