

Product datasheet for **TA804386AM**

CSEN (KCNIP3) Mouse Monoclonal Antibody (Biotin conjugated) [Clone ID: OTI3A12]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI3A12
Applications:	WB
Recommended Dilution:	WB 1:500
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human KCNIP3 (NP_038462) produced in E.coli.
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	0.5 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Biotin
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	29.1 kDa
Gene Name:	potassium voltage-gated channel interacting protein 3
Database Link:	NP_038462 Entrez Gene 56461 Mouse Entrez Gene 65199 Rat Entrez Gene 30818 Human Q9Y2W7



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Background:

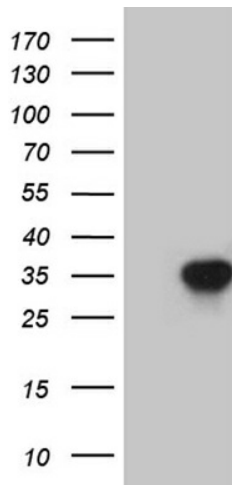
This gene encodes a member of the family of voltage-gated potassium (Kv) channel-interacting proteins, which belong to the recoverin branch of the EF-hand superfamily. Members of this family are small calcium binding proteins containing EF-hand-like domains. They are integral subunit components of native Kv4 channel complexes that may regulate A-type currents, and hence neuronal excitability, in response to changes in intracellular calcium. The encoded protein also functions as a calcium-regulated transcriptional repressor, and interacts with presenilins. Alternatively spliced transcript variants encoding different isoforms have been described. [provided by RefSeq, Jul 2008]

Synonyms:

CSEN; DREAM; KCHIP3

Protein Families:

Druggable Genome, Transcription Factors, Transmembrane

Product images:

HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY KCNIP3 (Cat# [RC203957], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-KCNIP3 (1:500) (Cat# [TA804386]). Positive lysates [LY415545] (100ug) and [LC415545] (20ug) can be purchased separately from OriGene.