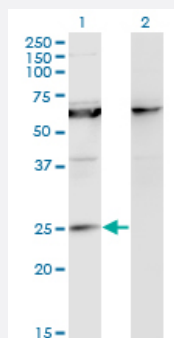


KCNIP1 monoclonal antibody (M10), clone 3D9

Catalog # H00030820-M10

Size 100 ug

Applications

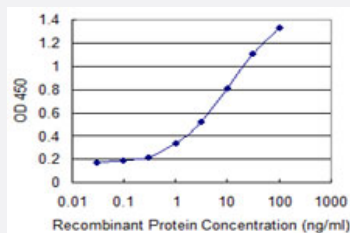


Western Blot (Transfected lysate)

Western Blot analysis of KCNIP1 expression in transfected 293T cell line by KCNIP1 monoclonal antibody (M10), clone 3D9.

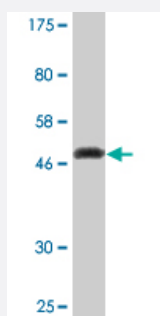
Lane 1: KCNIP1 transfected lysate (Predicted MW: 25.2 KDa).

Lane 2: Non-transfected lysate.



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged KCNIP1 is 0.1 ng/ml as a capture antibody.



Western Blot detection against Immunogen (49.5 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a full-length recombinant KCNIP1.

Immunogen	KCNIP1 (AAH50375, 1 a.a. ~ 216 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MGAVMGTFSSLQTKQRRPSKDKIEDELEMTMVCHRPEGLEQLEAQTNFTKRELQVLYRGFKNEC PSGVVNEDTFKQYAQFFPHGDASTYAHYLFNAFDTTQTGSVKFEDFVTALSILLRGTVHEKLRWT FNLYDINKDGYNKEEMMDIVKAYDMMGKYTPVLKEDTPRQHVDVFFQKMDKNKDGIVTLDEFL ESCQEDDNIMRSLQLFQNVN
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (94); Rat (94)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (49.5 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

Western Blot analysis of KCNIP1 expression in transfected 293T cell line by KCNIP1 monoclonal antibody (M10), clone 3D9.

Lane 1: KCNIP1 transfected lysate (Predicted MW: 25.2 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged KCNIP1 is 0.1 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — KCNIP1

Entrez GeneID [30820](#)

GeneBank Accession# [BC050375](#)

Protein Accession# [AAH50375](#)

Gene Name KCNIP1

Gene Alias KCHIP1, MGC95, VABP

Gene Description Kv channel interacting protein 1

Omim ID [604660](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a member of the family of voltage-gated potassium (Kv) channel-interacting proteins (KCNIPs), which belong to the recoverin branch of the EF-hand superfamily. Members of the KCNIP family are small calcium binding proteins. They all have EF-hand-like domains, and differ from each other in the N-terminus. They are integral subunit components of native Kv4 channel complexes. They may regulate A-type currents, and hence neuronal excitability, in response to changes in intracellular calcium. Alternative splicing results in multiple transcript variant encoding different isoforms. [provided by RefSeq]

Other Designations A-type potassium channel modulatory protein 1|potassium channel interacting protein 1|vesicle A PC-binding protein

Disease

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- [Edema](#)