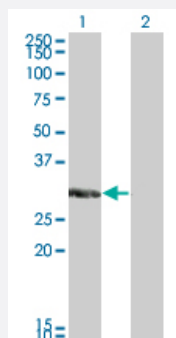


KCNIP2 monoclonal antibody (M01), clone 3E7

Catalog # H00030819-M01

Size 100 ug

Applications

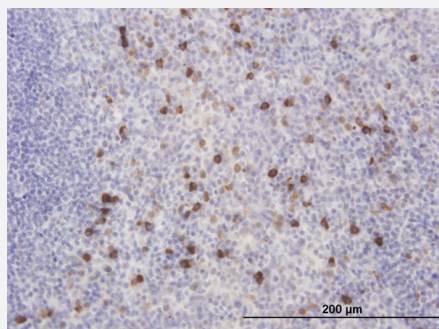


Western Blot (Transfected lysate)

Western Blot analysis of KCNIP2 expression in transfected 293T cell line by KCNIP2 monoclonal antibody (M01), clone 3E7.

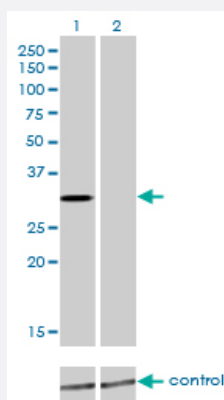
Lane 1: KCNIP2 transfected lysate(30.919 KDa).

Lane 2: Non-transfected lysate.



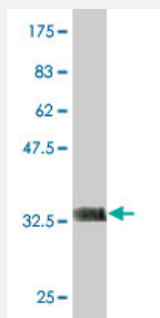
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to KCNIP2 on formalin-fixed paraffin-embedded human tonsil. [antibody concentration 1.5 ug/ml]



RNAi Knockdown (Antibody validated)

Western blot analysis of KCNIP2 over-expressed 293 cell line, cotransfected with KCNIP2 Validated Chimera RNAi (Cat # H00030819-R01V) (Lane 2) or non-transfected control (Lane 1). Blot probed with KCNIP2 monoclonal antibody (M01), clone 3E7 (Cat # H00030819-M01). GAPDH (36.1 kDa) used as specificity and loading control.



Western Blot detection against Immunogen (36.63 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant KCNIP2.
Immunogen	KCNIP2 (AAH34685, 1 a.a. ~ 100 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MRGQGRKESLSDSRDLGSDYDQLTGHPGPTKKALKQRFLKLLPCCGPQALPSVSENSVDDEF ELSTVCHRPEGLEQLQEQTKFTRKELQVLYRGFKNEC
Host	Mouse
Reactivity	Human
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.63 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 KCNIP2 expression in transfected 293T cell line by KCNIP2 monoclonal antibody (M01), clone 3E7.

Lane 1: KCNIP2 transfected lysate(30.919 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to KCNIP2 on formalin-fixed paraffin-embedded human tonsil. [antibody concentration 1.5 ug/ml]

[Protocol Download](#)

- ELISA

- RNAi Knockdown (Antibody validated)

Western blot analysis of KCNIP2 over-expressed 293 cell line, cotransfected with KCNIP2 Validated Chimera RNAi (Cat # H00030819-R01V) (Lane 2) or non-transfected control (Lane 1). Blot probed with KCNIP2 monoclonal antibody (M01), clone 3E7 (Cat # H00030819-M01). GAPDH (36.1 kDa) used as specificity and loading control.

[Protocol Download](#)

Gene Info — KCNIP2

Entrez GeneID [30819](#)

GeneBank Accession# [BC034685](#)

Protein Accession# [AAH34685](#)

Gene Name KCNIP2

Gene Alias DKFZp566L1246, KCHIP2, MGC17241

Gene Description Kv channel interacting protein 2

Omim ID [604661](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a member of the family of voltage-gated potassium (Kv) channel-interacting proteins (KCNIPs), which belongs 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. Multiple alternatively spliced transcript variants encoding distinct isoforms have been identified from this gene. [provided by RefSeq]

Other Designations A-type potassium channel modulatory protein 2|Kv channel-interacting protein 2|OTTHUMP00000020332|OTTHUMP00000020333|OTTHUMP00000020336|OTTHUMP00000020337|OTTHUMP00000020339|OTTHUMP00000020340|cardiac voltage gated potassium channel modulatory subunit|pot

Disease

- [Alzheimer Disease](#)
- [Genetic Predisposition to Disease](#)