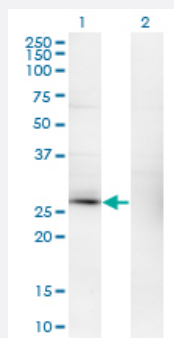


# CSEN monoclonal antibody (M01), clone 2B3-A1

Catalog # H00030818-M01

Size 50 ug

## Applications

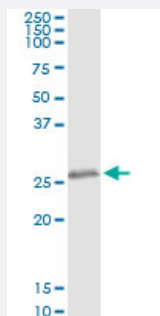


### Western Blot (Transfected lysate)

Western Blot analysis of KCNIP3 expression in transfected 293T cell line by CSEN monoclonal antibody (M01), clone 2B3-A1.

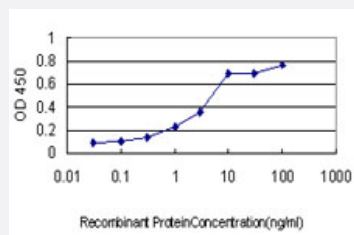
Lane 1: KCNIP3 transfected lysate (Predicted MW: 29.2 KDa).

Lane 2: Non-transfected lysate.



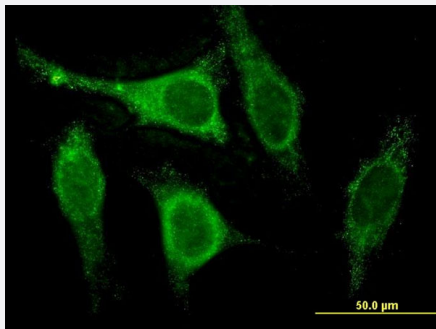
### Immunoprecipitation

Immunoprecipitation of KCNIP3 transfected lysate using anti-KCNIP3 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with KCNIP3 MaxPab rabbit polyclonal antibody.



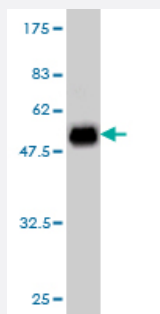
### Sandwich ELISA (Recombinant protein)

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



## Immunofluorescence

Immunofluorescence of monoclonal antibody to CSEN on HeLa cell . [antibody concentration 10 ug/ml]



Western Blot detection against Immunogen (53.9 KDa) .

## Specification

<b>Product Description</b>	Mouse monoclonal antibody raised against a full length recombinant CSEN.
<b>Immunogen</b>	CSEN (AAH12850, 1 a.a. ~ 256 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Sequence</b>	MQPAKEVTKASDGSLLGDLGHTPLSKKEGIKWQRPRLSRQALMRCCLVKWILSSTAPQGSDSS DSELELSTVRHQPEGLDQLQAQTKFTKKELQSLYRGFKNECPTGLVDEDTFKLIYAQFFPQGDAT TYAHFLFNAFDADGNGAIHFEDFVVGLSILLRGTVEHKLKWAFLYDINKDGYITKEEMLAIMKSIYD MMGRHTYILREDAPAEHVERFFEKMDRNQDGVVTIEEFLEACQKDENIMSSMQLFENVI
<b>Host</b>	Mouse
<b>Reactivity</b>	Human
<b>Interspecies Antigen Sequence</b>	Rat (92)
<b>Isotype</b>	IgG1 Kappa
<b>Quality Control Testing</b>	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (53.9 KDa) .
<b>Storage Buffer</b>	In 1x PBS, pH 7.4
<b>Storage Instruction</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot (Transfected lysate)

Western Blot analysis of KCNIP3 expression in transfected 293T cell line by CSEN monoclonal antibody (M01), clone 2B3-A1.

Lane 1: KCNIP3 transfected lysate (Predicted MW: 29.2 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Immunoprecipitation

Immunoprecipitation of KCNIP3 transfected lysate using anti-KCNIP3 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with KCNIP3 MaxPab rabbit polyclonal antibody.

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

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

[Protocol Download](#)

- ELISA

- Immunofluorescence

Immunofluorescence of monoclonal antibody to CSEN on HeLa cell . [antibody concentration 10 ug/ml]

## Gene Info — KCNIP3

Entrez GeneID	<a href="#">30818</a>
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GeneBank Accession#	<a href="#">BC012850</a>
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Protein Accession#	<a href="#">AAH12850</a>
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Gene Name	KCNIP3
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Gene Alias	CSEN, DREAM, KCHIP3, MGC18289
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Gene Description	Kv channel interacting protein 3, calsenilin
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Omim ID [604662](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** 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]

**Other Designations** A-type potassium channel modulatory protein 3|DRE-antagonist modulator|Kv channel interacting protein 3|calsenilin, presenilin-binding protein, EF hand transcription factor|potassium channel interacting protein 3

## Disease

- [Disease Progression](#)
- [Disease Susceptibility](#)
- [Genetic Predisposition to Disease](#)
- [HIV Infections](#)
- [Thyroid Neoplasms](#)