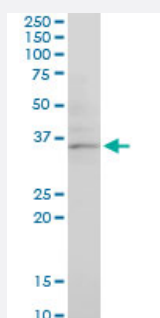


CHN1 monoclonal antibody (M03), clone 3A3

Catalog # H00001123-M03

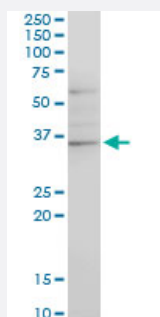
Size 100 ug

Applications



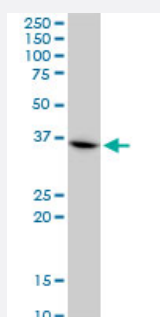
Western Blot (Cell lysate)

CHN1 monoclonal antibody (M03), clone 3A3. Western Blot analysis of CHN1 expression in NIH/3T3(Cat # L018V1).



Western Blot (Cell lysate)

CHN1 monoclonal antibody (M03), clone 3A3. Western Blot analysis of CHN1 expression in PC-12(Cat # L012V1).

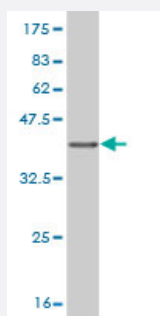
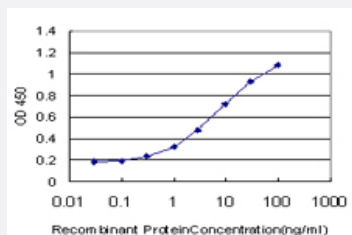


Western Blot (Cell lysate)

CHN1 monoclonal antibody (M03), clone 3A3. Western Blot analysis of CHN1 expression in HeLa(Cat # L013V1).

Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged CHN1 is approximately 0.1ng/ml as a capture antibody.



Western Blot detection against Immunogen (37.84 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant CHN1.
Immunogen	CHN1 (AAH11393, 91 a.a. ~ 200 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	QTRNFRLLYYDGKHFVGEKRFESIHDLVTDGLITLYETKAAEYIAKMTINPIYEHVGYTTLNREPAYKKHMPVLKETHDERDSTGQDGVSEKRLTSLVRRATLKENEQIP
Host	Mouse
Reactivity	Human, Mouse, Rat
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.84 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 (Cell lysate)

CHN1 monoclonal antibody (M03), clone 3A3. Western Blot analysis of CHN1 expression in NIH/3T3(Cat # L018V1).

[Protocol Download](#)

- Western Blot (Cell lysate)

CHN1 monoclonal antibody (M03), clone 3A3. Western Blot analysis of CHN1 expression in PC-12(Cat # L012V1).

[Protocol Download](#)

- Western Blot (Cell lysate)

CHN1 monoclonal antibody (M03), clone 3A3. Western Blot analysis of CHN1 expression in HeLa(Cat # L013V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged CHN1 is approximately 0.1ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — CHN1

Entrez GeneID	1123
---------------	----------------------

GeneBank Accession#	BC011393
---------------------	--------------------------

Protein Accession#	AAH11393
--------------------	--------------------------

Gene Name	CHN1
-----------	------

Gene Alias	ARHGAP2, CHN, DURS2, RHOGAP2
------------	------------------------------

Gene Description	chimerin (chimaerin) 1
------------------	------------------------

Omim ID	118423
---------	------------------------

Gene Ontology	Hyperlink
---------------	---------------------------

Gene Summary

This gene encodes GTPase-activating protein for p21-rac and a phorbol ester receptor. It plays a n important role in ocular motor axon pathfinding. Heterozygous missense mutations in this gene cause Duane's retraction syndrome 2 (DURS2). Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations

A-chimaerin|Chimerin 1 (GTPase-activating protein, rho, 2)|Rho GTPase-activating protein 2|a2-chimaerin|alpha-chimerin|n-chimerin

Publication Reference

- [Tsc2-Rheb signaling regulates EphA-mediated axon guidance.](#)

Nie D, Di Nardo A, Han JM, Baharanyi H, Kramvis I, Huynh T, Dabora S, Codeluppi S, Pandolfi PP, Pasquale EB, Sahin M. Nature Neuroscience 2010 Feb; 13(2):163.

Application: WB, Mouse, Cortical neurons

Disease

- [Alcoholism](#)
- [Conduct Disorder](#)
- [Tobacco Use Disorder](#)