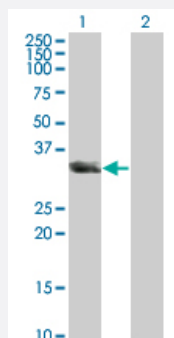


UNC119 monoclonal antibody (M01), clone 2F9-2A9

Catalog # H00009094-M01

Size 100 ug

Applications

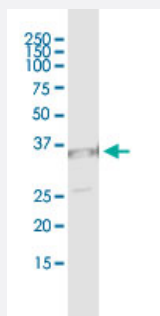


Western Blot (Transfected lysate)

Western Blot analysis of UNC119 expression in transfected 293T cell line by UNC119 monoclonal antibody (M01), clone 2F9-2A9.

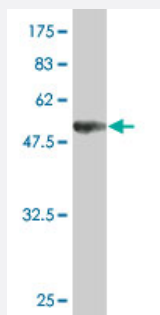
Lane 1: UNC119 transfected lysate(27 KDa).

Lane 2: Non-transfected lysate.



Immunoprecipitation

Immunoprecipitation of UNC119 transfected lysate using anti-UNC119 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with UNC119 purified MaxPab rabbit polyclonal antibody.



Western Blot detection against Immunogen (52.14 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a full length recombinant UNC119.

Immunogen	UNC119 (AAH27176.1, 1 a.a. ~ 240 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MKVKKGGGGAGTATESAPGPSGQSVAPIQPPAESESGSESEPDAGPGPRPGPLQRKQPIGPE DVLGLQRITGDYLCSP EENYKIDFVRFKIRDMDSGTVLFEIKKPPVSERLPINRRDLDPNAGR FVRY QFTPAFLRLRQVGATVEFTVGD KPVNNFRMIERHYFRNQLLKSFDHFHGF CIPSSKNTCEHYDFP PLSEELISEMIRHPYETQSDSFYFVDDRLVMHNKADYSYSGTP
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (91); Rat (92)
Isotype	IgG1 kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (52.14 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 UNC119 expression in transfected 293T cell line by UNC119 monoclonal antibody (M01), clone 2F9-2A9.

Lane 1: UNC119 transfected lysate(27 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Immunoprecipitation

Immunoprecipitation of UNC119 transfected lysate using anti-UNC119 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with UNC119 purified MaxPab rabbit polyclonal antibody.

[Protocol Download](#)

- ELISA

Gene Info — UNC119

Entrez GeneID [9094](#)

GeneBank Accession# [BC027176](#)

Protein Accession# [AAH27176.1](#)

Gene Name UNC119

Gene Alias HRG4

Gene Description unc-119 homolog (C. elegans)

Omim ID [604011](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene is specifically expressed in the photoreceptors in the retina. The encoded product shares strong homology with the C. elegans unc119 protein and it can functionally complement the C. elegans unc119 mutation. It has been localized to the photoreceptor synapses in the outer plexiform layer of the retina, and suggested to play a role in the mechanism of photoreceptor neurotransmitter release through the synaptic vesicle cycle. Two transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq]

Other Designations retinal protein 4|unc119 (C.elegans) homolog|unc119 homolog

Publication Reference

- [The RAS-interacting Chaperone UNC119 Drives the RASSF6-MDM2-p53 Axis and Antagonizes RAS-mediated Malignant Transformation.](#)

Takanobu Shimizu, Takeshi Nakamura, Hironori Inaba, Hiroaki Iwasa, Junichi Maruyama, Kyoko Arimoto-Matsuzaki, Takao Nakata, Hiroshi Nishina, Yutaka Hata.

The Journal of Biological Chemistry 2020 Aug; 295(32):11214.

Application: IP, Human, SW480 cells

Disease

- [Retinal Diseases](#)