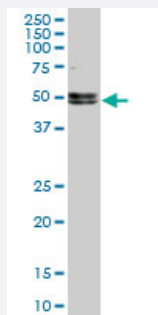


NOVA1 monoclonal antibody (M10), clone 5D9

Catalog # H00004857-M10

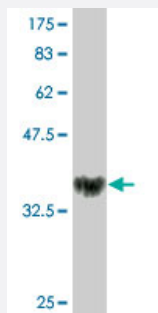
Size 100 ug

Applications



Western Blot (Cell lysate)

NOVA1 monoclonal antibody (M10), clone 5D9. Western Blot analysis of NOVA1 expression in PC-12 (Cat # L012V1).



Western Blot detection against Immunogen (36.52 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant NOVA1.
Immunogen	NOVA1 (NP_002506, 408 a.a. ~ 507 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	SAILGTEKSTDGSKDVVEIAPENLVGAILGKGGKTLVEYQELTGARIQISKKGFEVPGTRNRKVTIT GTPAATQAAQYLITQRITYEQGVRAANPQKVG
Host	Mouse
Reactivity	Human, Rat
Isotype	IgG1 Kappa

Quality Control Testing

Antibody Reactive Against Recombinant Protein.
Western Blot detection against Immunogen (36.52 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)

NOVA1 monoclonal antibody (M10), clone 5D9. Western Blot analysis of NOVA1 expression in PC-12 (Cat # L012V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — NOVA1

Entrez GeneID

[4857](#)

GeneBank Accession#

[NM_002515](#)

Protein Accession#

[NP_002506](#)

Gene Name

NOVA1

Gene Alias

Nova-1

Gene Description

neuro-oncological ventral antigen 1

Omim ID

[602157](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

This gene encodes a neuron-specific RNA-binding protein, a member of the Nova family of paraneoplastic disease antigens, that is recognized and inhibited by paraneoplastic antibodies. These antibodies are found in the sera of patients with paraneoplastic opsoclonus-ataxia, breast cancer, and small cell lung cancer. Alternatively spliced transcripts encoding distinct isoforms have been described. [provided by RefSeq]

Other Designations

paraneoplastic Ri antigen|ventral neuron-specific protein 1

Publication Reference

- [Electroacupuncture at PC6 \(Neiguan\) Attenuates Angina Pectoris in Rats with Myocardial Ischemia-Reperfusion Injury Through Regulating the Alternative Splicing of the Major Inhibitory Neurotransmitter Receptor GABRG2.](#)

Wenchuan Qi, Hongjuan Fu, Xinye Luo, Yanrong Ren, Xueying Liu, Hongyuan Dai, Qianhua Zheng, Fanrong Liang.

Journal of Cardiovascular Translational Research 2022 Oct; 15(5):1176.

Application: WB-Ce, WB-Tr, Rats, DRG cells, Rat myocardial

- [The impact of the RBM4-initiated splicing cascade on modulating the carcinogenic signature of colorectal cancer cells.](#)

Lin JC, Lee YC, Liang YC, Fann YC, Johnson KR, Lin YJ.

Scientific Reports 2017 Mar; 7:44204.

Application: WB-Ti, WB-Tr, Human, Human colon cancer, HCT-8, HCT-116, Colo205 cells

- [RBM4–Nova1–SRSF6 splicing cascade modulates the development of brown adipocytes.](#)

Lin JC, Chi YL, Peng HY, Lu LH.

Biochimica et Biophysica acta 2016 Nov; 1859(11):1368.

Application: WB-Tr, Mouse, C3H10T1/2 cells

Disease

- [Cardiovascular Diseases](#)
- [Genetic Predisposition to Disease](#)
- [Parkinson Disease](#)
- [Schizophrenia](#)
- [Ventricular Dysfunction](#)