

NOVA1 Antibody (monoclonal) (M10)

Mouse monoclonal antibody raised against a partial recombinant NOVA1. Catalog # AT3082a

Specification

NOVA1 Antibody (monoclonal) (M10) - Product Information

Application WB **Primary Accession** P51513 Other Accession NM 002515 Reactivity Human, Rat Host mouse Clonality **Monoclonal** Isotype IgG1 Kappa Calculated MW 51727

NOVA1 Antibody (monoclonal) (M10) - Additional Information

Gene ID 4857

Other Names

RNA-binding protein Nova-1, Neuro-oncological ventral antigen 1, Onconeural ventral antigen 1, Paraneoplastic Ri antigen, Ventral neuron-specific protein 1, NOVA1

Target/Specificity

NOVA1 (NP_002506, 408 a.a. \sim 507 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution

WB~~1:500~1000

Format

Clear, colorless solution in phosphate buffered saline, pH 7.2.

Storage

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Precautions

NOVA1 Antibody (monoclonal) (M10) is for research use only and not for use in diagnostic or therapeutic procedures.

NOVA1 Antibody (monoclonal) (M10) - Protocols

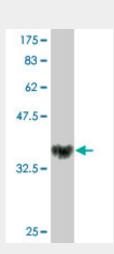
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot

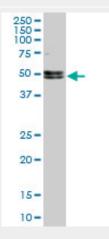


- Immunohistochemistry
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

NOVA1 Antibody (monoclonal) (M10) - Images



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



NOVA1 monoclonal antibody (M10), clone 5D9. Western Blot analysis of NOVA1 expression in PC-12 ((Cat # AT3082a)

NOVA1 Antibody (monoclonal) (M10) - Background

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.

NOVA1 Antibody (monoclonal) (M10) - References

Genome-wide association study of antipsychotic-induced parkinsonism severity among schizophrenia patients. Alkelai A, et al. Psychopharmacology (Berl), 2009 Oct. PMID 19680635. Genetic variants associated with cardiac structure and function: a meta-analysis and replication of genome-wide association data. Vasan RS, et al. JAMA, 2009 Jul 8. PMID





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