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NOVA1 Antibody (monoclonal) (M10)

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

Product Information

Application	WB
Primary Accession	P51513
Other Accession	NM_002515
Reactivity	Human, Rat
Host	mouse
Clonality	monoclonal
Isotype	IgG1 Kappa
Clone Names	5D9
Calculated MW	51727

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. ~ 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.

Background

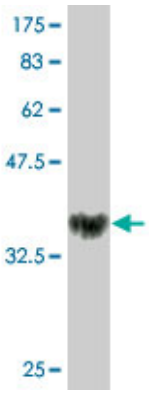
This gene encodes a neuron-specific RNA-binding protein, a member of the Nova family of paraneoplastic disease antigens, that is recognized and inhibited by paraneoplastic antibodies. These antibodies are found in the sera of patients with paraneoplastic opsoclonus-ataxia, breast cancer, and small cell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

References

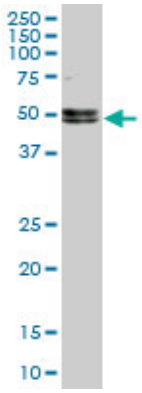
Genome-wide association study of antipsychotic-induced parkinsonism severity among schizophrenia

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 19584346.Conduct disorder and ADHD: evaluation of conduct problems as a categorical and quantitative trait in the international multicentre ADHD genetics study. Anney RJ, et al. Am J Med Genet B Neuropsychiatr Genet, 2008 Dec 5. PMID 18951430.Paraneoplastic antibody during follow-up of a patient with anti-Ri-associated paraneoplastic neurological syndrome. Stich O, et al. Acta Neurol Scand, 2009 May. PMID 18822086.Post-transcriptional regulation of neuro-oncological ventral antigen 1 by the neuronal RNA-binding proteins ELAV. Ratti A, et al. J Biol Chem, 2008 Mar 21. PMID 18218628.

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)

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.