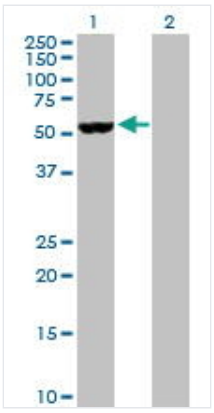
NOVA1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	NOVA1, Polyclonal Antibody
Full Product Name	NOVA1 (RNA-Binding Protein Nova-1, Neuro-oncological Ventral Antigen 1, Onconeural Ventral Antigen 1, Nova-1, Paraneoplastic Ri Antigen, Ventral
Product Gene Name	anti-NOVA1 antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Allophycocyanin (APC).
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes human NOVA1.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amo
Molecular Weight	49,253 Da
OMIM	602157
3D Structure	ModBase 3D Structure for P51513
Immunogen	Full length human NOVA1, aa1-507 (NP_002506.2).
Immunogen Sequence	MMAAAPIQQNGTHTGVPIDLDPPDSRKRPLEAPPEAGSTKRTNTGEDGQYFLKVLIPSYAAGSIIGKGGQTIVQLQKETGATIKLSKSKDFYPGTTERVCLI
Conjugate	APC
Note	Preservative Free
Product Categories/Family for anti-NOVA1 antibody	Antibodies; Transcription Factors
Applications Tested/Suitable for anti-NOVA1 antibody	Western Blot (WB)
Application Notes for anti-NOVA1 antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-NOVA1 antibody	This gene encodes a neuron-specific RNA-binding protein, a member of the Nova family of paraneoplastic disease antigens, that is recognized and inh
Other Notes	Small volumes of anti-NOVA1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If neces

Searchable Terms for NOVA1 purchase	MBS6387283 is an antibody targeting NOVA1. Also known as NOVA1 (RNA-Binding Protein Nova-1, Neuro-oncological Ventral Antigen 1, Onconeural



Western Blot (WB) of anti-NOVA1 antibody
Western Blot analysis of NOVA1 expression in transfected 293T cell line by NOVA1 polyclonal antibody. Lane 1: NOVA1 transfected lysate (51.7kD). Lane 2: Non-transfected lysate.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for NOVA1. It may not necessarily be applicable to this product.

NCBI GI #	56549653
NCBI GeneID	4857
NCBI Accession #	NP_002506.2
UniProt Primary Accession #	P51513
UniProt Secondary Accession #	Q6B004; A8K0S4; A8K4Q7; D3DS81; D3DS82
UniProt Related Accession #	P51513
GenBank Nucleotide #	NM_002515.2
NCBI Official Full Name	RNA-binding protein Nova-1 isoform 1
NCBI Official Synonym Full Names	neuro-oncological ventral antigen 1
NCBI Official Symbol	NOVA1
NCBI Official Synonym Symbols	Nova-1
UniProt Protein Name	RNA-binding protein Nova-1
UniProt Synonym Protein Names	Neuro-oncological ventral antigen 1; Onconeural ventral antigen 1; Paraneoplastic Ri antigen; Ventral neuron-specific protein 1
Protein Family	RNA-binding protein
UniProt Gene Name	NOVA1
UniProt Entry Name	NOVA1_HUMAN
NCBI Protein Information	RNA-binding protein Nova-1; paraneoplastic Ri antigen; onconeural ventral antigen 1; ventral neuron-specific protein 1

UniProt Comments for NOVA1	NOVA1: May regulate RNA splicing or metabolism in a specific subset of developing neurons. 4 isoforms of the human protein are produced by alternative splicing. Protein type: RNA splicing; RNA-binding Chromosomal Location of Human Ortholog: 14q Cellular Component: intracellular membrane-bound organelle; nucleolus; nucleus Molecular Function: mRNA binding; RNA binding Biological Process: RNA processing; nuclear mRNA splicing, via spliceosome; synaptic transmission; regulation of RNA metabolic process; RNA splicing; locomotory behavior
Research Articles on NOVA1	**1.** a regulation of LEDGF interaction with chromatin by cellular partners of its PWWP domain could be involved in several processes linked to LEDGF tethering properties, such as lentiviral integration, DNA repair or transcriptional regulation
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Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

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