

Goat NOVA1 Polyclonal Antibody | anti-NOVA1 antibody

Goat Polyclonal to Human NOVA1

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA50966	Goat	Bat, Gibbon, Bovine, Chicken, Dog, Xenopus, Gorilla, Human, Monkey, Mouse, Pig, Rabbit, Rat	ELISA, Western Blot, Immunohistochemistry

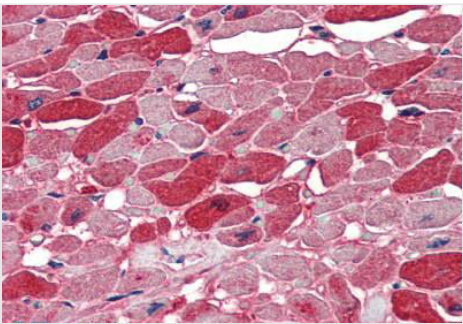
PRODUCT SYNONYMS

NOVA1; Polyclonal Antibody; Goat Polyclonal to Human NOVA1; Anti-NOVA1 Antibody (Internal) IHC-plus; Nova-1; Onconeural ventral antigen 1; RNA-binding protein Nova-1; Paraneoplastic Ri antigen; Human NOVA1; anti-NOVA1 antibody

PRODUCT SPECIFICATIONS

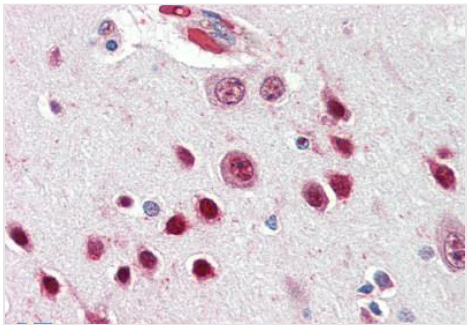
Host	Goat
Reactivity	Bat, Gibbon, Bovine, Chicken, Dog, Xenopus, Gorilla, Human, Monkey, Mouse, Pig, Rabbit, Rat
Clonality	Polyclonal
Specificity	Human NOVA1. This antibody is expected to recognise all three reported isoforms (NP_002506.2 ; NP_006480.2 ; NP_006482.1)
Purity/Purification	Immunoaffinity Purified
Form/Format	Tris-buffered saline, pH 7.3, 0.5% BSA, 0.02% sodium azide
Concentration	0.5 mg/ml (varies by lot)
Sequence Length	507
Applicable Applications for anti-NOVA1 antibody	ELISA, WB (Western Blot), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic peptide C-REMPQNVAKTEPVS from an internal region of human NOVA1 (NP_002506.2 ; NP_006480.2 ; NP_006482.1).
Immunogen Type	Synthetic peptide
Immunogen	NOVA1 antibody was raised against synthetic peptide C-REMPQNVAKTEPVS from an internal region of human NOVA1 (NP_002506.2 ; NP_006480.2 ; NP_006482.1). Percent identity by BLAST analysis: Human, Gorilla, Gibbon, Monkey, Marmoset, Mouse, Rat, Elephant, Panda, Dog, Bat, Bovine, Rabbit, Pig, Opossum, Turkey, Chicken, Platypus, Lizard, Xenopus (100%); Horse (86%).
Antigen Modification	Internal
Preparation and Storage	Store at -20 degree C. Minimize freezing and thawing.

IMAGES



IHC (Immunohistochemistry)
Anti-NOVA1 antibody IHC of human heart. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.

WB (Western Blot)
Antibody (0.01 ug/ml) staining of Human Breast Cancer lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



IHC (Immunohistochemistry)
Anti-NOVA1 antibody IHC of human brain, cortex. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-NOVA1 antibody	Neuron-specific RNA-binding protein that is inhibited by paraneoplastic antibodies. NOVA1 is recognized by sera of patients with paraneoplastic opsoclonus-ataxia, breast cancer, and small cell lung cancer. Alternatively spliced forms are present in brain and tumor cells. These transcript variants differ by the inclusion of 72bp exon H as well as a 9bp motif. NOVA1 is a member of the Nova family of paraneoplastic disease antigens.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	56549653
NCBI GeneID	4857
NCBI Accession #	NP_002506.2
NCBI GenBank Nucleotide #	NM_002515.2
UniProt Accession #	P51513; Q6B004; A8K0S4; A8K4Q7; D3DS81; D3DS82
Molecular Weight	49,253 Da
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

NCBI Protein Information	RNA-binding protein Nova-1; paraneoplastic Ri antigen; onconeural ventral antigen 1; ventral neuron-specific protein 1
UniProt Protein Name	RNA-binding protein Nova-1
UniProt Gene Name	NOVA1
UniProt Entry Name	NOVA1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/nova1-antibody-western-blot-immunohistochemistry-elisa/50966>