

Rabbit anti-Human Neuro Oncological Ventral Antigen 1 Polyclonal Antibody | anti-NOVA1 antibody

Polyclonal Antibody to Neuro Oncological Ventral Antigen 1 (NOVA1)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA145791	Rabbit	Human	ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot

PRODUCT SYNONYMS

Neuro Oncological Ventral Antigen 1; Polyclonal Antibody; Polyclonal Antibody to Neuro Oncological Ventral Antigen 1 (NOVA1); Onconeural ventral antigen 1; Paraneoplastic Ri antigen; Ventral neuron-specific protein 1; RNA-binding protein Nova-1; anti-NOVA1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against NOVA1. It has been selected for its ability to recognize NOVA1 in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4, Containing 0.02% NaN3, 50% glycerol.
Concentration	0.55mg/ml (varies by lot)
Sequence Length	507
Applicable Applications for anti-NOVA1 antibody	ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Fragment	NOVA1 (Ala295~Gly510)
Conjugate	No Conjugate
Cross Reactivity	Human
Immunoglobulin Type	IgG
Quality Control	Content: The quality control contains recombinant NOVA1 (Ala295~Gly510) disposed in loading buffer. Usage: 10uL per well when 3,3'-Diaminobenzidine(DAB) as the substrate. 5uL per well when used in enhanced chemilumescient (ECL). Note: The quality control is specifically manufactured as the positive control. Not used for other purposes. Loading Buffer: 100mM Tris(pH8.8), 2% SDS, 200mM NaCl, 50% glycerol,BPB 0.01%, NaN3 0.02%.
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



Knockout Validation

Knockout Validation: Lane 1: Wild-type MCF7 cell lysate; Lane 2: NOVA1 knockout MCF7 cell lysate; Predicted MW: 19,52kd Observed MW: 52kd Primary Ab: 1ug/ml Rabbit Anti-Human NOVA1 Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody



IHC (Immunohistochemistry)

DAB staining on fromalin fixed paraffin- embedded brain tissue



WB (Western Blot)

Western Blot: Sample: Recombinant protein.



WB (Western Blot)

Western Blot: Sample: Human MCF7 cell lysate; Primary Ab: 1ug/ml Rabbit Anti-Human NOVA1 Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

ADDITIONAL INFORMATION

Product Categories/Family for anti-NOVA1 antibody	Knock-Out Validation Antibody
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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	NOVA alternative splicing regulator 1
NCBI Official Symbol	NOVA1
NCBI Official Synonym Symbols	Nova-1
NCBI Protein Information	RNA-binding protein Nova-1
UniProt Protein Name	RNA-binding protein Nova-1
UniProt Gene Name	NOVA1

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/neuro-oncological-ventral-antigen-1-antibody-immunohistochemistry-immunocytochemistry-western-blot-elisa/145791>