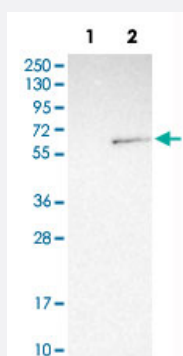


NOVA1 polyclonal antibody

Catalog # PAB30679

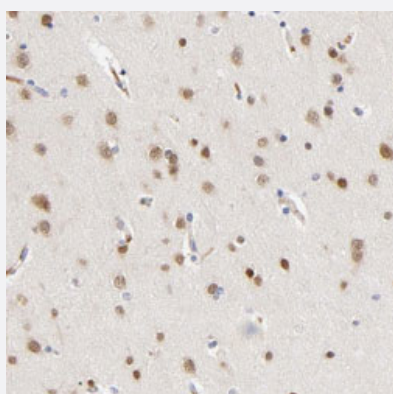
Size 100 uL

Applications



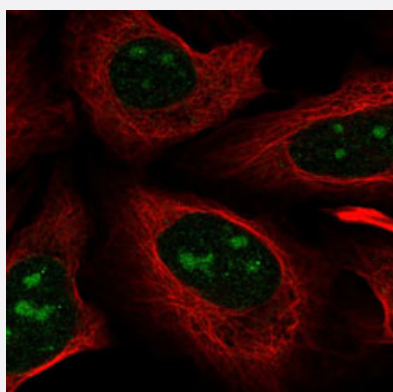
Western Blot (Transfected lysate)

Western Blot analysis of Lane 1: negative control (vector only transfected HEK293T cell lysate) and Lane 2: over-expression lysate (co-expressed with a C-terminal myc-DDK tag in mammalian HEK293T cells) with NOVA1 polyclonal antibody (Cat # PAB30679).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human cerebral cortex with NOVA1 polyclonal antibody (Cat # PAB30679) shows moderate nuclear positivity in neuronal cells.



Immunofluorescence

Immunofluorescent staining of U-2 OS with NOVA1 polyclonal antibody (Cat # PAB30679) (Green) shows positivity in nucleoli.

Specification

Product Description	Rabbit polyclonal antibody raised against partial recombinant human NOVA1.
Immunogen	Recombinant protein corresponding to human NOVA1.
Sequence	NLNTLGLGLSQAAATGALAAAAASANPAAAAANLLATYASEASASGSTAGGTAGTFALGSLAAAT AATNGYFGAASPLAASAILGTEKSTDGSKDVVEIAVPENLVGAILGKGGKTLVEYQELTGARI
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunofluorescence (1-4 ug/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:50-1:200) Western Blot (1:100-1:250) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Transfected lysate)

Western Blot analysis of Lane 1: negative control (vector only transfected HEK293T cell lysate) and Lane 2: over-expression lysate (co-expressed with a C-terminal myc-DDK tag in mammalian HEK293T cells) with NOVA1 polyclonal antibody (Cat # PAB30679).

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human cerebral cortex with NOVA1 polyclonal antibody (Cat # PAB30679) shows moderate nuclear positivity in neuronal cells.

- Immunofluorescence

Immunofluorescent staining of U-2 OS with NOVA1 polyclonal antibody (Cat # PAB30679) (Green) shows positivity in nucleoli.

Gene Info — NOVA1

Entrez GeneID	4857
Protein Accession#	P51513
Gene Name	NOVA1
Gene Alias	Nova-1
Gene Description	neuro-oncological ventral antigen 1
Omim ID	602157
Gene Ontology	Hyperlink
Gene Summary	<p>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. [provided by RefSeq]</p>
Other Designations	paraneoplastic Ri antigen ventral neuron-specific protein 1

Disease

- [Cardiovascular Diseases](#)
- [Genetic Predisposition to Disease](#)
- [Parkinson Disease](#)
- [Schizophrenia](#)
- [Ventricular Dysfunction](#)