

For Research Use Only

NOVA2 Polyclonal antibody

Catalog Number: 55002-1-AP

Featured Product

6 Publications



Basic Information

Catalog Number:

55002-1-AP

Size:

150ul, Concentration: 600 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_002516

GeneID (NCBI):

4858

UNIPROT ID:

Q9UNW9

Full Name:

neuro-oncological ventral antigen 2

Calculated MW:

49 kDa

Observed MW:

50-55 kDa, 65-70 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

Applications

Tested Applications:

WB, IP, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse

Positive Controls:

WB : mouse brain tissue, rat brain tissue

IP : mouse brain tissue,

Background Information

NOVA2 also named as ANOVA and NOVA3. It regulates RNA splicing or metabolism in a specific subset of developing neurons. NOVA2 binds single strand RNA. The antibody is specific to NOVA2. By the alternative splicing, NOVA2 can be detected as 50-55 and 70-80 kDa (PMID:26446569, PMID:9789075).

Notable Publications

Author	Pubmed ID	Journal	Application
Manoja K Brahma	36145242	Nutrients	WB
Florian Krach	35778567	Acta Neuropathol	WB
Dongdong Chai	32271715	Aging (Albany NY)	WB

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

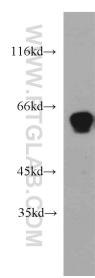
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

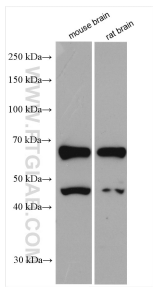
E: proteintech@ptglab.com
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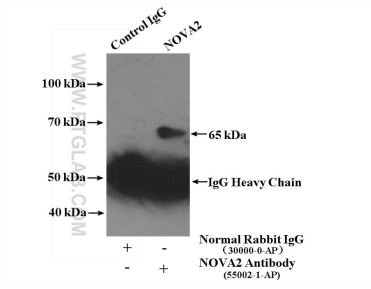
Selected Validation Data



mouse brain tissue were subjected to SDS PAGE followed by western blot with 55002-1-AP (NOVA2 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Various lysates were subjected to SDS PAGE followed by western blot with 55002-1-AP (NOVA2 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



IP result of anti-NOVA2 (IP:55002-1-AP, 4ug; Detection:55002-1-AP 1:500) with mouse brain tissue lysate 4000ug.