For Research Use Only

NOVA2 Polyclonal antibody

Catalog Number:55002-1-AP Featured Product 4 Publications

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Basic Information

Catalog Number:
55002-1-AP

Size:
150ul , Concentration: 300 μg/ml by Nanodrop and 207 μg/ml by Bradford method using BSA as the standard;

Source:
Rabbit

Isotype:
IgG

GenBank Accession Number:
NM_002516

GeneID (NCBI):
4858

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 IP and 1:500-1:1000 for WB

Applications

Tested Applications:
IP, WB, 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

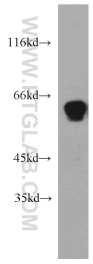
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

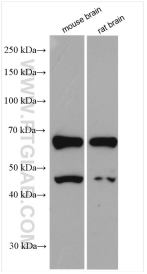
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

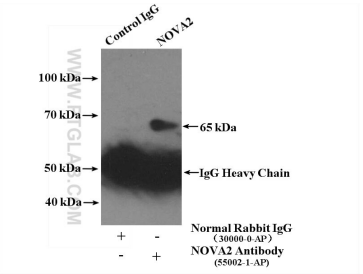
Selected Validation Data



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.