

For Research Use Only

NRBP2 Polyclonal antibody

Catalog Number: 21549-1-AP

Featured Product

4 Publications



Basic Information

Catalog Number:
21549-1-AP

Size:
150ul, Concentration: 300 µg/ml by Nanodrop and 240 µg/ml by Bradford method using BSA as the standard;

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG16215

GenBank Accession Number:
BC113873

GeneID (NCBI):
340371

Full Name:
nuclear receptor binding protein 2

Calculated MW:
501 aa, 58 kDa

Observed MW:
33 kDa, 58 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
IHC 1:100-1:400

Applications

Tested Applications:
IHC, IP, WB, ELISA

Cited Applications:
IHC, WB

Species Specificity:
human, mouse, rat

Cited Species:
human, mouse

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB: mouse kidney tissue, human testis tissue, human placenta tissue, mouse brain tissue, HeLa cells, A549 cells

IP: mouse kidney tissue,

IHC: human kidney tissue,

Background Information

Nuclear receptor binding protein 2 (NRBP2), also named as TRG16, belongs to the Ser/Thr protein kinase family. NRBP2 can regulate apoptosis of neural progenitor cells during their differentiation. Expression of NRBP2 was up-regulated following differentiation in rodent neural stem/progenitor cells. It has 4 isoforms with MW of 58, 33, 36 and 14 kDa. Endogenous NRBP2 in HEK293 cells has an apparent molecular mass of 55-60 kD by SDS-PAGE.

Notable Publications

Author	Pubmed ID	Journal	Application
Zhiyu Li	33816275	Front Oncol	WB, IHC
Anqi Xiong	32517178	Cancers (Basel)	WB
Feng Chi	35648115	Mol Cell Biochem	WB, IHC

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

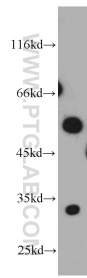
For technical support and original validation data for this product please contact:

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

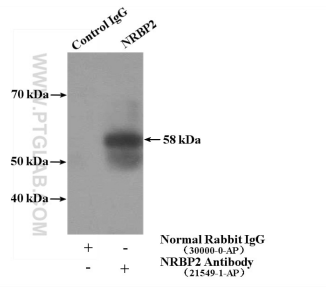
E: proteintech@ptglab.com
W: ptglab.com

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

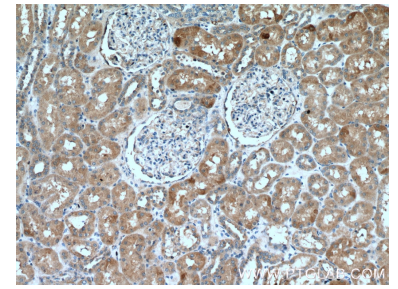
Selected Validation Data



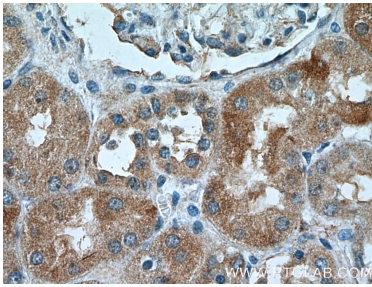
mouse kidney tissue were subjected to SDS PAGE followed by western blot with 21549-1-AP (NRBP2 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



IP Result of anti-NRBP2 (IP:21549-1-AP, 4ug; Detection:21549-1-AP 1:500) with mouse kidney tissue lysate 4000ug.



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 21549-1-AP (NRBP2 Antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 21549-1-AP (NRBP2 Antibody) at dilution of 1:200 (under 40x lens).