

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 ug/ml by Nanodrop and 240 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG16215

GenBank Accession Number:

BC113873

GeneID (NCBI):

340371

UNIPROT ID:

Q9NSYO

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 1.0-3.0 mg of total protein lysate

IHC 1:100-1:400

Applications

Tested Applications:

WB, IP, IHC, ELISA

Cited Applications:

WB, IHC

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse

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,

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

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

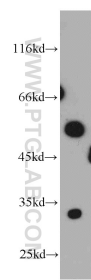
For technical support and original validation data for this product please contact:

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

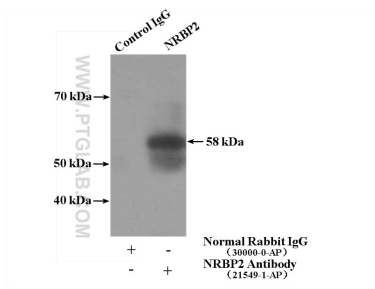
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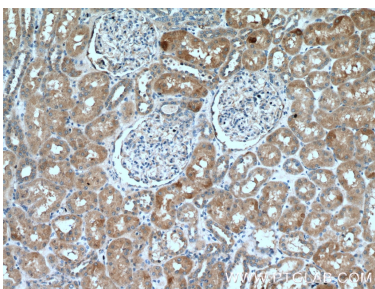
Selected Validation Data



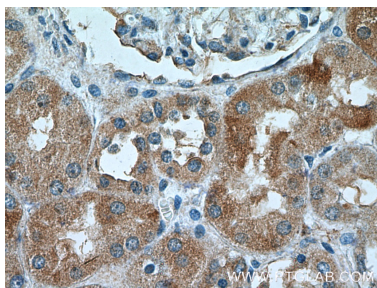
mouse kidney tissue were subjected to SDS PAGE followed by western blot with 21549-1-AP (NRBP2 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



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).