

For Research Use Only

NRBP2 Monoclonal antibody

Catalog Number: 66687-1-Ig



Basic Information

Catalog Number: 66687-1-Ig	GenBank Accession Number: BC113873	Purification Method: Protein A purification
Size: 1300 µg/ml	GeneID (NCBI): 340371	CloneNo.: 4F10H7
Source: Mouse	UNIPROT ID: Q9NSYO	Recommended Dilutions: WB 1:1000-1:6000 IHC 1:150-1:600 IF 1:50-1:500
Isotype: IgG2a	Full Name: nuclear receptor binding protein 2	
Immunogen Catalog Number: AG17011	Calculated MW: 501 aa, 58 kDa	
	Observed MW: 58 kDa, 33 kDa	

Applications

Tested Applications:
IF/ICC, IHC, WB, ELISA

Species Specificity:
Human, Mouse, Rat, Pig

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: HEK-293 cells, pig brain tissue, A549 cells, HeLa cells, rat brain tissue, mouse brain tissue

IHC: mouse brain tissue,

IF: HEK-293 cells,

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.

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

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

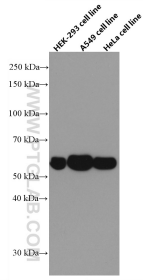
T: 4006900926

E: Proteintech-CN@ptglab.com

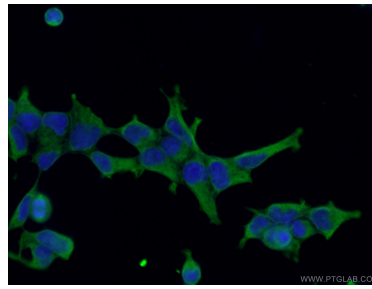
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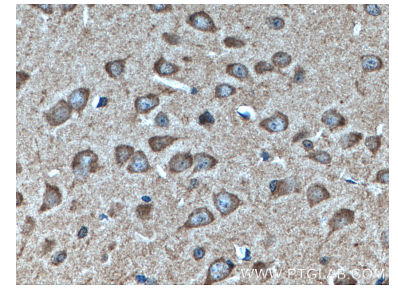
Selected Validation Data



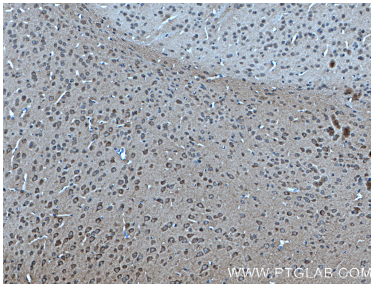
Various lysates were subjected to SDS PAGE followed by western blot with 66687-1-Ig (NRBP2 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Ethanol) fixed HEK-293 cells using 66687-1-Ig (NRBP2 antibody) at dilution of 1:100 and Alexa Fluor 488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 66687-1-Ig (NRBP2 antibody) at dilution of 1:300 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 66687-1-Ig (NRBP2 antibody) at dilution of 1:300 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).