

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: 150ul , Concentration: 1300 ug/ml by Nanodrop and 1000 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 340371	CloneNo.: 4F10H7
Source: Mouse	UNIPROT ID: Q9NSYO	Recommended Dilutions: WB 1:1000-1:6000 IHC 1:150-1:600 IF/ICC 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: WB, IHC, IF/ICC, ELISA	Positive Controls:
Species Specificity: Human, Mouse, Rat, Pig	WB : HEK-293 cells, pig brain tissue, A549 cells, HeLa cells, rat brain tissue, mouse brain tissue
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	IHC : mouse brain tissue,
	IF/ICC : 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

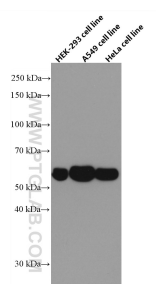
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

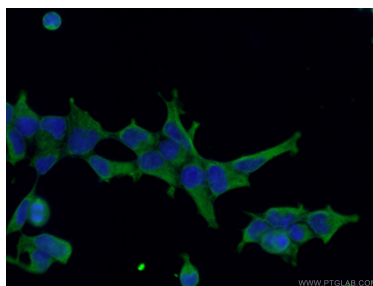
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

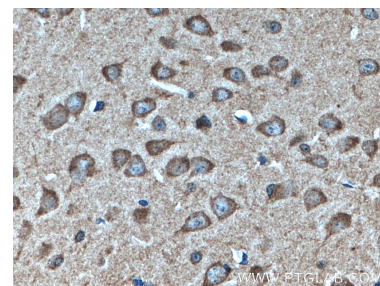
Selected Validation Data



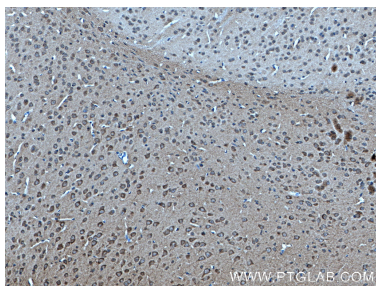
Various lysates were subjected to SDS PAGE followed by western blot with 66687-1-Ig (NRBP2 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



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 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).