

For Research Use Only

NRBP2 Monoclonal antibody, PBS Only



Catalog Number: 66687-1-PBS

Basic Information

| | | |
|------------------------------------------------------------|---------------------------------------------------------|-------------------------------------------------------|
| Catalog Number: 66687-1-PBS | GenBank Accession Number: BC113873 | Purification Method: Protein A purification |
| Size: 100ug, Concentration: 1 mg/ml by Nanodrop; | GeneID (NCBI): 340371 | CloneNo.: 4F10H7 |
| Source: Mouse | UNIPROT ID: Q9NSYO | |
| 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, IF, IHC, Indirect ELISA

Species Specificity:
Human, Mouse, Rat, Pig

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

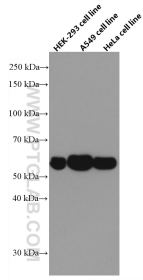
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

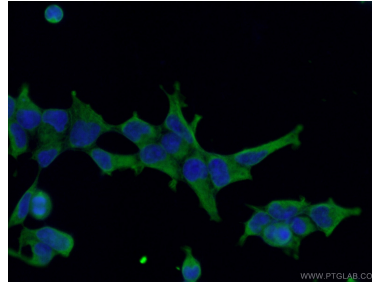
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

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

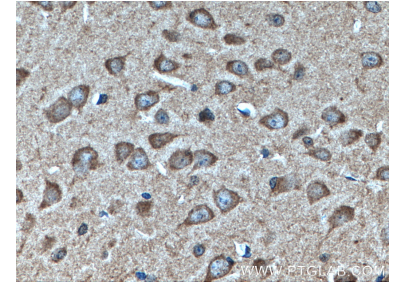
Selected Validation Data



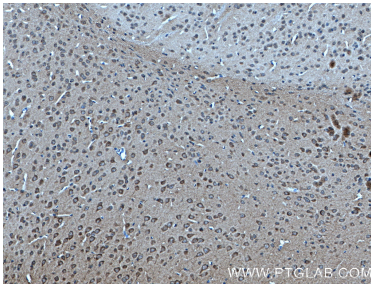
Various lysates were subjected to SDS PAGE followed by western blot with 66687-1-Ig (NRBP2 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66687-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 66687-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 66687-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 66687-1-PBS in a different storage buffer formulation.