

For Research Use Only

Ninein Polyclonal antibody

Catalog Number: 13007-1-AP

Featured Product

3 Publications



Basic Information

Catalog Number:

13007-1-AP

Concentration:

350 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG3688

GenBank Accession Number:

BC034708

GeneID (NCBI):

51199

UNIPROT ID:

Q8N4C6

Full Name:

ninein (GSK3B interacting protein)

Calculated MW:

2090 aa, 243 kDa

Observed MW:

240-255 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

IHC 1:50-1:500

IF/ICC 1:200-1:800

Applications

Tested Applications:

WB, IHC, IF/ICC, ELISA

Cited Applications:

WB, IF

Species Specificity:

human, mouse

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 : HeLa cells,

IHC : mouse brain tissue,

IF/ICC : HeLa cells, MCF-7 cells

Background Information

Ninein is a large coiled-coil protein that associates with the subdistal appendages of the mother centriole and the minus-ends of both centrioles. Ninein interacts with γ -tubulin and microtubule nucleation and anchoring at the centrosomes.

Notable Publications

Author	Pubmed ID	Journal	Application
Quynh P H Nguyen	33038334	Dev Cell	WB,IF
Kei K Ito	39905228	EMBO J	IF
Nozawa Yoko Inès Yl	23907739	Dev Dyn	IF

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:

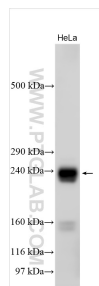
T: 4006900926

E: Proteintech-CN@ptglab.com

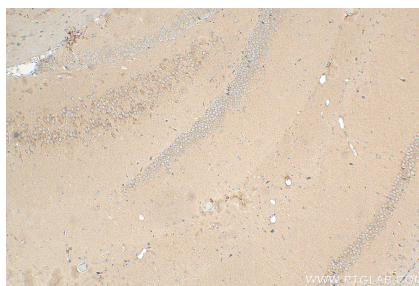
W: ptgcn.com

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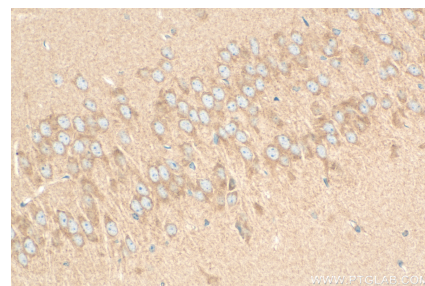
Selected Validation Data



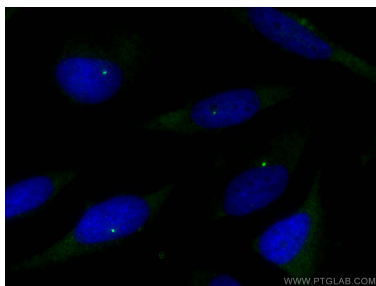
HeLa cells were subjected to SDS PAGE followed by western blot with 13007-1-AP (Ninein antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



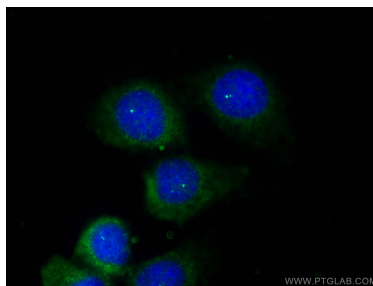
Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 13007-1-AP (Ninein antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 13007-1-AP (Ninein antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Methanol) fixed HeLa cells using Ninein antibody (13007-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunofluorescent analysis of (-20°C Methanol) fixed MCF-7 cells using Ninein antibody (13007-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).