NUP85 Polyclonal antibody

Catalog Number:30158-1-AP

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Basic Information

Catalog Number:	30158-1-AP
Size:	150ul , Concentration: 450 ug/ml by Nanodrop;
Source:	Rabbit
Isotype:	IgG
Immunogen Catalog Number:	AG33004

GenBank Accession Number:	BC000697
GeneID (NCBI):	79902
UNIPROT ID:	Q9BW27
Full Name:	nucleoporin 85kDa
Calculated MW:	75 kDa
Observed MW:	70 kDa

Purification Method:	Antigen affinity purification
Recommended Dilutions:	WB 1:500-1:2000

Applications

Tested Applications:
WB, ELISA

Species Specificity:
Human, mouse, rat

Positive Controls:
WB : mouse brain tissue, mouse liver tissue, rat liver tissue

Background Information

Nucleoporin 85 (Nup85) (also known as FROUNT) is a protein that in humans is encoded by the NUP85 gene. This gene encodes a protein component of the Nup107-160 subunit of the nuclear pore complex. Nuclear pore complexes are embedded in the nuclear envelope and promote bidirectional transport of macromolecules between the cytoplasm and nucleus. The encoded protein can also bind to the C-terminus of chemokine (C-C motif) receptor 2 (CCR2) and promote chemotaxis of monocytes, thereby participating in the inflammatory response.

Storage

Storage:
Store at -20℃. 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

Selected Validation Data
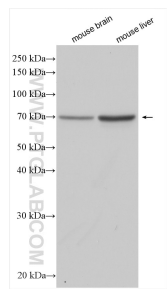
Various lysates were subjected to SDS PAGE followed by western blot with 30158-1-AP (Pericentrin antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.
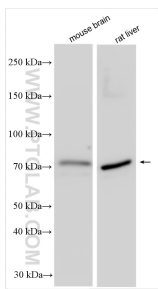
Various lysates were subjected to SDS PAGE followed by western blot with 30158-1-AP (NUP85 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.