

For Research Use Only

C9orf114 Polyclonal antibody

Catalog Number: 33571-1-AP



Basic Information

Catalog Number: 33571-1-AP	GenBank Accession Number: BC063644	Purification Method: Antigen affinity Purification
Size: 150ul , Concentration: 300 ug/ml by Nanodrop;	GeneID (NCBI): 51490	Recommended Dilutions: WB: 1:1000-1:4000
Source: Rabbit	UNIPROT ID: Q5T280	
Isotype: IgG	Full Name: chromosome 9 open reading frame 114	
Immunogen Catalog Number: AG38014	Observed MW: 40 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : K-562 cells, MCF-7 cells
Species Specificity: human	

Background Information

SPOUT1 (SPOUT domain-containing methyltransferase 1), also known as CENP32 or C9orf114, is a methyltransferase containing a SPOUT domain. This protein is highly expressed in the nucleolus and is crucial for ribosome function. SPOUT1 has been identified as an essential protein for cell survival in both Drosophila and humans. Moreover, mutations in SPOUT1 are associated with developmental epileptic encephalopathy (DEE) in humans, characterized by infantile seizures and intellectual disability.

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

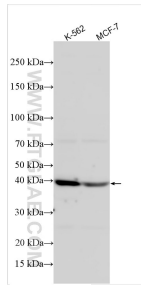
For technical support and original validation data for this product please contact:

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 33571-1-AP (C9orf114 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.