

For Research Use Only

C9orf114 Polyclonal antibody

Catalog Number: 33571-1-AP



Basic Information

Catalog Number:

33571-1-AP

Concentration:

300 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG38014

GenBank Accession Number:

BC063644

GeneID (NCBI):

51490

UNIPROT ID:

Q5T280

Full Name:

chromosome 9 open reading frame

114

Observed MW:

40 kDa

Purification Method:

Antigen affinity Purification

Recommended Dilutions:

WB: 1:1000-1:4000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : K-562 cells, MCF-7 cells

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

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

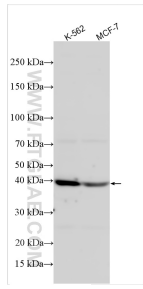
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



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