

C90RF91 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP55960

Specification

C90RF91 Polyclonal Antibody - Product Information

Application WB, IHC-P, IHC-F, IF, ICC, E

Primary Accession
Reactivity
Rat
Host
Clonality
Calculated MW
Robbit
Rabbit
Rabbit
Rabbit
Rabbit
Rabbit
Rabbit

Physical State
Liquid
Immunogen
KLH conjugated synthetic peptide derived

from human C9ORF91

Epitope Specificity 151-250/342

Isotype IgG

Buffer 0.01M TBS (pH7.4) with 1% BSA, 0.02%

Proclin300 and 50% Glycerol.

SUBCELLULAR LOCATION Membrane; Multi-pass membrane protein

(Potential).

Important Note This product as supplied is intended for research use only, not for use in human,

therapeutic or diagnostic applications.

Background Descriptions

affinity purified by Protein A

Chromosome 9 consists of about 145 million bases and 4% of the human genome and encodes nearly 900 genes. Considered to play a role in gender determination, deletion of the distal portion of 9p can lead to development of male to female sex reversal, the phenotype of a female with a male X,Y genotype. Hereditary hemorrhagic telangiectasia, which is characterized by harmful vascular defects, is associated with the chromosome 9 gene encoding endoglin protein, ENG. Familial dysautonomia is also associated with chromosome 9 though through the gene IKBKAP. Notably, chromosome 9 encompasses the largest interferon family gene cluster. Chromosome 9 is partnered with chromosome 22 in the translocation leading to the aberrant production of BCR-ABL fusion protein often found in leukemias. The C9orf91 gene product has been provisionally designated C9orf91 pending further characterization. There are three isoforms of C9orf91 that are produced as a result of alternative splicing events.

C90RF91 Polyclonal Antibody - Additional Information

Gene ID 203197

Other Names

Transmembrane protein 268 {ECO:0000312|HGNC:HGNC:24513}, TMEM268 (HGNC:24513), C9orf91



Dilution

WB~~1:1000<br \><span class
="dilution_IHC-P">IHC-P~~N/A<br \><span class
="dilution_IHC-F">IHC-F~~N/A<br \><span class
="dilution_IF">IF~~1:50~200<br \>ICC~~N/A<br \>ICC~~N/A<br \>ICC~~N/A<br \>ICC~~N/A

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage

Store at -20 $^{\circ}$ C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 $^{\circ}$ C.

C90RF91 Polyclonal Antibody - Protein Information

Name TMEM268 (<u>HGNC:24513</u>)

Synonyms C9orf91

Function

Stabilizes cell surface expression of ITGAM and participates in the adhesion and migration of phagocytes during bacterial clearance.

Cellular Location

Cell membrane; Multi-pass membrane protein

C90RF91 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

C9ORF91 Polyclonal Antibody - Images