

C9ORF91 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP55960**Specification****C9ORF91 Polyclonal Antibody - Product Information**

Application	WB, IHC-P, IHC-F, IF, ICC, E
Primary Accession	Q5VZI3
Reactivity	Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	38 KDa
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human C9ORF91
Epitope Specificity	151-250/342
Isotype	IgG
Purity	
affinity purified by Protein A	
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

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 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.

C9ORF91 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 \>IHC-P~~N/A<br \>IHC-F~~N/A<br \>IF~~1:50~200<br \>ICC~~N/A<br \>E~~N/A

Storage

Store at -20 °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 °C.

C9ORF91 Polyclonal Antibody - Protein Information

Name TMEM268 ([HGNC:24513](#))

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

C9ORF91 Polyclonal Antibody - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

C9ORF91 Polyclonal Antibody - Images