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C9ORF91 Rabbit pAb

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Catalog # AP55960

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	Q5VZI3
Predicted	Rat, Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	37569
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 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.

Additional Information

Gene ID	203197
Other Names	Transmembrane protein 268 {ECO:0000312|HGNC:HGNC:24513}, TMEM268 (HGNC:24513), C9orf91
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:5000-10000
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.

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

Background

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Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.