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[Primary Antibody]

Rabbit Anti-C9orf7 antibody

Catalog Number: SL15339R

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	C9orf7
Immunogen:	KLH conjugated synthetic peptide derived from human C9orf7: 41-130/172
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	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 （Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	(predicted: Human, Mouse, Rat, Dog, Pig, Rabbit)
Predicted MW.:	18kDa
Subcellular Location:	The cell membrane
Background:	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

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	production of BCR-ABL fusion protein often found in leukemias. The C9orf7 gene product has been provisionally designated C9orf7 pending further characterization. **Subcellular Location:** Membrane; Multi-pass membrane protein (Potential). **Similarity:** Belongs to the calcium channel flower family. **Database links:** **Entrez Gene:** 11094 Human **Entrez Gene:** 381356 Mouse **Entrez Gene:** 296599 Rat Omim: 613104 Human **SwissProt:** Q9UGQ2 Human **SwissProt:** Q8BG21 Mouse **SwissProt:** D4A9I3 Rat **Unigene:** 62003 Human

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