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[Primary Antibody]

Rabbit Anti-C9orf25 antibody

Catalog Number: SL15324R

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	C9orf25
Immunogen:	KLH conjugated synthetic peptide derived from human C9orf25: 1-100/185
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 ELISA=1:5000-10000 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	(predicted: Human, Mouse, Rat, Chicken, Horse, Sheep)
Predicted MW.:	20kDa
Subcellular Location:	The nucleus
Background:	C9orf25 (chromosome 9 open reading frame 25) is a 185 amino acid protein that exists as seven alternatively spliced isoforms that are encoded by a gene located on human chromosome 9. Chromosome 9 consists of about 145 million bases, represents 4% of the human genome and encodes nearly 900 genes. Thought 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

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	leukemias. **Similarity:** Belongs to the FAM219 family. **Database links:** **Entrez Gene:** 203259 Human **Entrez Gene:** 71901 Mouse **Entrez Gene:** 691024 Rat **SwissProt:** Q8IW50 Human **SwissProt:** Q9D772 Mouse **Unigene:** 493771 Human **Unigene:** 39215 Mouse

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