



Rabbit Anti-C9orf7 antibody

SL15339R

Product Name:	C9orf7
Chinese Name:	9号染色体开放阅读框7抗体
Alias:	C9orf7; Calcium channel flower homolog; Chromosome 9 open reading frame 7; D9S2135; FLOWR_HUMAN; RP13-100B2.5.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Rabbit,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	18kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human C9orf7:41-130/172
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. 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.
PubMed:	PubMed
Product Detail:	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 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.

SWISS:

Q9UGQ2

Gene ID:

11094

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

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.