SunLong Biotech Co.,LTD
Tel: 0086-571-56623320 Fax:0086-571-56623318
E-mail:sales@sunlongbiotech.com
www.sunlongbiotech.com

[Primary Antibody]

Rabbit Anti-C9orf5 antibody

Catalog Number: SL15330R

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	C9orf5
Immunogen:	KLH conjugated synthetic peptide derived from human C9orf5: 201-300/911
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,Dog,Cow,Sheep)
Predicted MW.:	101kDa
Subcellular Location:	The cell membrane
Background:	C9orf5 (chromosome 9 open reading frame 5), also known as CG2, is a 911 amino acid multi-pass membrane protein that is widely expressed and exists as four alternatively spliced isoforms. The gene encoding C9orf5 maps to human chromosome 9, which consists of about 145 million bases, represents 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

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

SunLong Biotech Co.,LTD
Tel: 0086-571-56623320 Fax:0086-571-56623318
E-mail:sales@sunlongbiotech.com
www.sunlongbiotech.com

	to the aberrant production of BCR-ABL fusion protein often found in leukemias. **Subcellular Location:** Membrane; Multi-pass membrane protein (Potential). **Tissue Specificity:** Widely expressed. **Similarity:** Belongs to the UPF0118 (TMEM245) family. **Database links:** **Entrez Gene:** 23731 Human **SwissProt:** Q9H330 Human **Unigene:** 308074 Human

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