

C6orf64 Rabbit pAb

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Catalog # AP59282

Product Information

Application	WB
Primary Accession	Q9NPB0
Reactivity	Human
Predicted	Rat, Dog, Mouse, Rabbit, Zebrafish, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	20163
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human C6orf64
Epitope Specificity	101-183/183
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	Cytoplasmic vesicle membrane; Single-pass membrane protein.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	Making up nearly 6% of the human genome, chromosome 6 contains around 1,200 genes within 170 million base pairs of sequence. Deletion of a portion of the q arm of chromosome 6 is associated with early onset intestinal cancer suggesting the presence of a cancer susceptibility locus. Porphyria cutanea tarda is associated with chromosome 6 through the HFE gene which, when mutated, predisposes an individual to developing this porphyria. Notably, the PARK2 gene, which is associated with Parkinson's disease, and the genes encoding the major histocompatibility complex proteins, which are key molecular components of the immune system and determine predisposition to rheumatic diseases, are also located on chromosome 6. Stickler syndrome, 21-hydroxylase deficiency and maple syrup urine disease are also associated with genes on chromosome 6. A bipolar disorder susceptibility locus has been identified on the q arm of chromosome 6. The C6orf64 gene product has been provisionally designated C6orf64 pending further characterization.

Additional Information

Gene ID	55776
Other Names	SAYSvFN domain-containing protein 1, SAYSD1 {ECO:0000303 PubMed:36848233, ECO:0000312 HGNC:HGNC:21025}
Dilution	WB=1:500-2000
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.

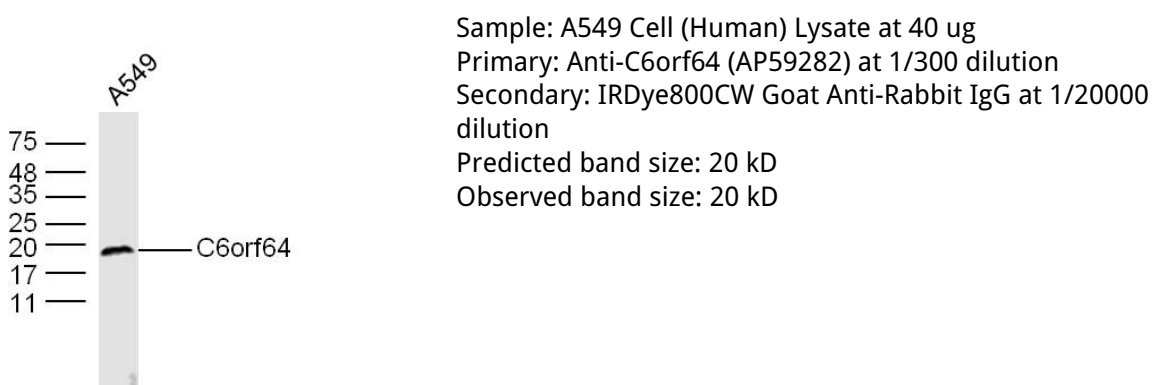
Protein Information

Name	SAYSD1 {ECO:0000303 PubMed:36848233, ECO:0000312 HGNC:HGNC:21025}
Function	Ufmylation 'reader' component of a translocation-associated quality control pathway, a mechanism that takes place when a ribosome has stalled during translation, and which is required to degrade clogged substrates (PubMed: 36848233). Specifically recognizes and binds ufmylated ribosomes when a ribosome has stalled, promoting the transport of stalled nascent chain via the TRAPP complex to lysosomes for degradation (PubMed: 36848233).
Cellular Location	Endoplasmic reticulum membrane. Cytoplasmic vesicle membrane

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Images



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