

C22orf25 Rabbit pAb

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Catalog # AP59454

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	Q6ICL3
Reactivity	Rat, Human, Mouse
Predicted	Pig, Zebrafish, Chicken, Dog, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	30937
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human C22orf25
Epitope Specificity	21-120/276
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	Chromosome 22 contains over 500 genes and about 49 million bases. Being the second smallest human chromosome, 22 contains a surprising variety of interesting genes. Phelan-McDermid syndrome, Neurofibromatosis type 2 and autism are associated with chromosome 22. A schizophrenia susceptibility locus has been identified on chromosome 22 and studies show that 22q11 deletion symptoms include a high incidence of schizophrenia. Translocations between chromosomes 9 and 22 may lead to the formation of the Philadelphia Chromosome and the subsequent production of the novel fusion protein, BCR-Abl, a potent cell proliferation activator found in several types of leukemia. The C22orf25 gene product has been provisionally designated C22orf25 pending further characterization.

Additional Information

Gene ID	128989
Other Names	Transport and Golgi organization protein 2 homolog, TANGO2, C22orf25
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
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.

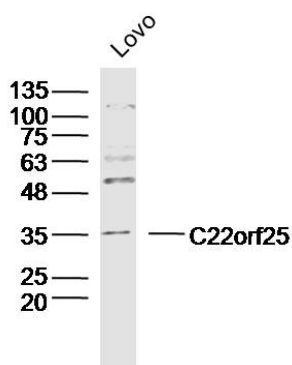
Protein Information

Name	TANGO2
Synonyms	C22orf25
Function	May be involved in lipid homeostasis.
Cellular Location	Cytoplasm Mitochondrion. Golgi apparatus. Note=Localizes predominantly to mitochondrion. Detected in close proximity to endoplasmic reticulum and lipid droplets.

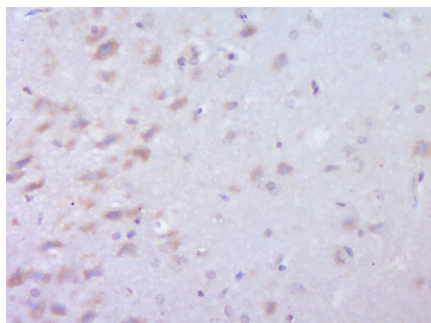
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Images



Sample: Lovo Cell (Human) Lysate at 30 ug
Primary: Anti- C22orf25 (AP59454) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 31kD
Observed band size: 35kD



Paraformaldehyde-fixed, paraffin embedded (Rat brain);
Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (C22orf25) Polyclonal Antibody, Unconjugated (AP59454) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

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