

C22orf25 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP59454

Specification

C22orf25 Polyclonal Antibody - Product Information

Application

Primary Accession

Reactivity Host Clonality Calculated MW Physical State

Immunogen

Epitope Specificity

Isotype **Purity**

Buffer

affinity purified by Protein A

WB, IHC-P, IHC-F, IF, ICC, E

O6lCL3

Rat, Pig, Dog, Bovine

Rabbit Polyclonal 31 KDa Liquid

KLH conjugated synthetic peptide derived

from human C22orf25

21-120/276

IqG

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.

C22orf25 Polyclonal Antibody - Additional Information

Gene ID 128989

Other Names

Transport and Golgi organization protein 2 homolog, TANGO2, C22orf25

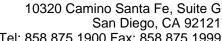
Dilution

WB~~1:1000<br \><span class</pre>

="dilution IHC-P">IHC-P~~N/A<br \><span class

="dilution IHC-F">IHC-F~~N/A<br \><span class

="dilution_IF">IF \sim 1:50 \sim 200<br \>ICC \sim N/A<br \>E \sim N/A





Tel: 858.875.1900 Fax: 858.875.1999

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.

C22orf25 Polyclonal Antibody - Protein Information

Name TANGO2

Synonyms C22orf25

Function

May be involved in lipid homeostasis.

Cellular Location

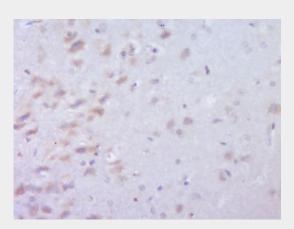
Cytoplasm Mitochondrion. Golgi apparatus. Note=Localizes predominantly to mitochondrion. Deteted in close proximity to endoplasmic reticulum and lipid droplets.

C22orf25 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

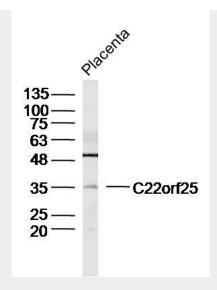
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

C22orf25 Polyclonal Antibody - Images



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 (bs-9984R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



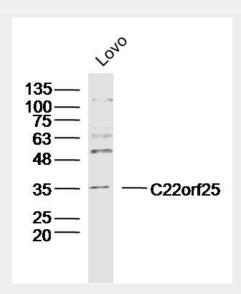


Sample:Placenta (Mouse) Lysate at 40 ug

Primary: Anti- C22orf25 (bs-9984R)at 1/300 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 31kD Observed band size: 35kD



Sample:Lovo Cell (Human) Lysate at 30 ug

Primary: Anti- C22orf25 (bs-9984R)at 1/300 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 31kD Observed band size: 35kD