

**C22orf25 Polyclonal Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP59454****Specification****C22orf25 Polyclonal Antibody - Product Information**

|                                |   |
|--------------------------------|---|
| Application                    | WB, IHC-P, IHC-F, IF, ICC, E  |
| Primary Accession              | <a href="#">Q6ICL3</a>  |
| Reactivity                     | Rat, Pig, Dog, Bovine   |
| Host                           | Rabbit  |
| Clonality                      | Polyclonal  |
| Calculated MW                  | 31 KDa  |
| Physical State                 | Liquid  |
| Immunogen                      | KLH conjugated synthetic peptide derived from human C22orf25  |
| Epitope Specificity            | 21-120/276  |
| Isotype                        | IgG   |
| <b>Purity</b>                  |   |
| 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.

**C22orf25 Polyclonal Antibody - Additional Information****Gene ID** 128989**Other Names**

Transport and Golgi organization protein 2 homolog, TANGO2, C22orf25

**Dilution**

<span class = "dilution\_WB">WB~~1:1000</span><br \><span class = "dilution\_IHC-P">IHC-P~~N/A</span><br \><span class = "dilution\_IHC-F">IHC-F~~N/A</span><br \><span class = "dilution\_IF">IF~~1:50~200</span><br \><span class = "dilution\_ICC">ICC~~N/A</span><br \><span class = "dilution\_E">E~~N/A</span>

**Format**

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

**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.

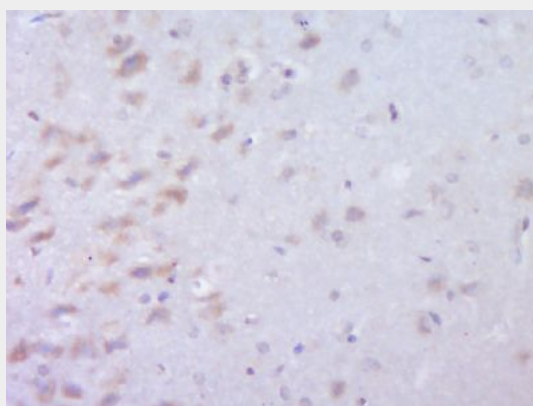
**Cellular Location**

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

**C22orf25 Polyclonal Antibody - Protocols**

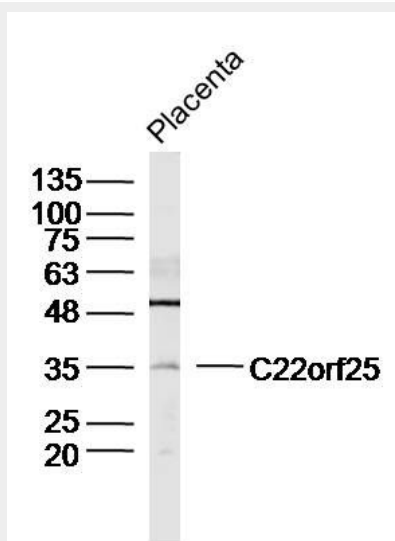
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

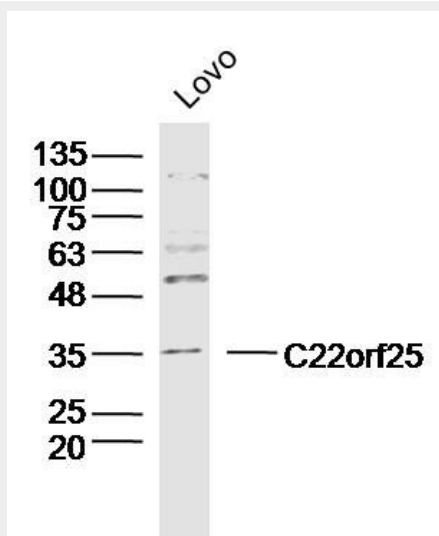
**C22orf25 Polyclonal Antibody - Images**

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