

# CYB561D2 Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP51137

## Product Information

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|                   |                        |
|-------------------|------------------------|
| Application       | WB                     |
| Primary Accession | <a href="#">O14569</a> |
| Reactivity        | Human, Mouse, Rat      |
| Host              | Rabbit                 |
| Clonality         | Polyclonal             |
| Calculated MW     | 23974                  |

## Additional Information

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|             |                                                                                                       |
|-------------|-------------------------------------------------------------------------------------------------------|
| Gene ID     | 11068                                                                                                 |
| Other Names | Cytochrome b561 domain-containing protein 2, Putative tumor suppressor protein 101F6, CYB561D2, 101F6 |
| Dilution    | WB~~1:1000                                                                                            |
| Format      | 0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%                                             |
| Storage     | Store at -20 °C.Stable for 12 months from date of receipt                                             |

## Protein Information

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|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Name              | CYB561D2 ( <a href="#">HGNC:30253</a> )                                                                                                                                                                                                                     |
| Function          | Transmembrane reductase that may use ascorbate as an electron donor in the cytoplasm and transfer electrons across endoplasmic reticulum membranes to reduce monodehydro-L-ascorbate radical and iron cations Fe(3+) in the lumen of that compartment.      |
| Cellular Location | Endoplasmic reticulum membrane {ECO:0000250 UniProtKB:Q9WUE3};<br>Multi-pass membrane protein {ECO:0000250 UniProtKB:Q53TN4}.<br>Cytoplasmic vesicle membrane {ECO:0000250 UniProtKB:Q9WUE3};<br>Multi-pass membrane protein {ECO:0000250 UniProtKB:Q53TN4} |

## References

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Bader S.,et al.Submitted (JAN-1998) to the EMBL/GenBank/DDBJ databases.  
Ota T.,et al.Nat. Genet. 36:40-45(2004).  
Muzny D.M.,et al.Nature 440:1194-1198(2006).

Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.  
Xu G.,et al.Proc. Natl. Acad. Sci. U.S.A. 106:19310-19315(2009).

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