

**C19orf56 antibody - N-terminal region**  
**Rabbit Polyclonal Antibody**  
**Catalog # AI12761****Specification**

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**C19orf56 antibody - N-terminal region - Product Information**

|                   |                                                                |
|-------------------|----------------------------------------------------------------|
| Application       | WB                                                             |
| Primary Accession | <a href="#">O9Y284</a>                                         |
| Other Accession   | <a href="#">NM_016145</a> , <a href="#">NP_057229</a>          |
| Reactivity        | Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog |
| Predicted Host    | Rabbit, Pig, Horse                                             |
| Clonality         | Rabbit                                                         |
| Calculated MW     | Polyclonal<br>12kDa KDa                                        |

**C19orf56 antibody - N-terminal region - Additional Information****Gene ID** 51398**Alias Symbol** PTD008, C19orf56**Other Names**

Protein Asterix, WD repeat domain 83 opposite strand, WDR83 opposite strand, WDR83OS, C19orf56

**Format**

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

**Reconstitution & Storage**

Add 50 ul of distilled water. Final anti-C19orf56 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

**Precautions**

C19orf56 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

**C19orf56 antibody - N-terminal region - Protein Information****Name** WDR83OS ([HGNC:30203](#))**Synonyms** C19orf56**Function**Component of the multi-pass translocon (MPT) complex that mediates insertion of multi-pass membrane proteins into the lipid bilayer of membranes (PubMed: [12475939](http://www.uniprot.org/citations/12475939), PubMed: [32814900](http://www.uniprot.org/citations/32814900), PubMed: [36261522](http://www.uniprot.org/citations/36261522)). The MPT

complex takes over after the SEC61 complex: following membrane insertion of the first few transmembrane segments of proteins by the SEC61 complex, the MPT complex occludes the lateral gate of the SEC61 complex to promote insertion of subsequent transmembrane regions (PubMed: [32814900](http://www.uniprot.org/citations/32814900), PubMed: [36261522](http://www.uniprot.org/citations/36261522)). Within the MPT complex, the PAT subcomplex sequesters any highly polar regions in the transmembrane domains away from the non-polar membrane environment until they can be buried in the interior of the fully assembled protein (By similarity). Within the PAT subcomplex, WDR83OS/Asterix binds to and redirects the substrate to a location behind the SEC61 complex (By similarity).

#### Cellular Location

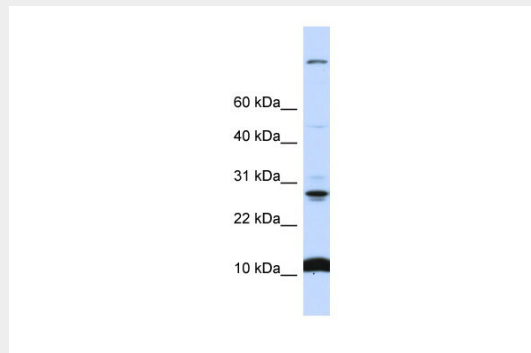
Endoplasmic reticulum membrane; Multi-pass membrane protein

### C19orf56 antibody - N-terminal region - 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](#)

### C19orf56 antibody - N-terminal region - Images



WB Suggested Anti-C19orf56 Antibody Titration: 0.2-1 µg/ml

ELISA Titer: 1:312500

Positive Control: 721\_B cell lysate

WDR83OS is supported by BioGPS gene expression data to be expressed in 721\_B

### C19orf56 antibody - N-terminal region - References

Gerhard,D.S.,GenomeRes.14(10B),2121-2127(2004)ReconstitutionandStorage:Forshorttermuse,storeat2-8Cupto1week.Forlongtermstorage,storeat-20Cinsmallaliquotstopreventfreeze-thawcycles.