10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

C19orf56 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP57756

Product Information

Application	IHC-P, IHC-F, IF, ICC, E
Primary Accession	Q9Y284
Reactivity	Rat, Pig, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	12068

Additional Information

Gene ID	51398
Other Names	PAT complex subunit Asterix, Protein associated with the ER translocon of 10kDa, PAT-10, PAT10, WD repeat domain 83 opposite strand, WDR83 opposite strand, WDR83OS (HGNC:30203), C19orf56
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC=1:100-500,IF=1:100-500,ELISA=1:5000-10000
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	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, PubMed:32814900, PubMed: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, PubMed: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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.