

IMP5 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP56335

Specification

IMP5 Polyclonal Antibody - Product Information

Application IHC-P, IHC-F, IF, ICC

Primary Accession
Reactivity
Rost
Clonality
Calculated MW
Rat
Rabbit
Polyclonal
74503

IMP5 Polyclonal Antibody - Additional Information

Gene ID 162540

Other Names

Signal peptide peptidase-like 2C, SPP-like 2C, SPPL2c, 3.4.23.-, Intramembrane protease 5, IMP-5, SPPL2C {ECO:0000303|PubMed:15385547}

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.

IMP5 Polyclonal Antibody - Protein Information

Name SPPL2C (HGNC:28902)

Function

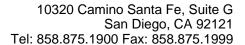
Sperm-specific intramembrane-cleaving aspartic protease (I- CLiP) that cleaves distinct tail-anchored proteins and SNARE proteins (PubMed:30733281). In elongated spermatids, modulates intracellular Ca(2+) homeostasis by controlling PLN abundance through proteolytic cleavage (By similarity). During spermatogenesis, processes SNARE proteins and impacts vesicular trafficking which supports compartmental reorganization in maturating spermatids and may play a role in formation of the acrosome (PubMed:30733281).

Cellular Location

Endoplasmic reticulum membrane; Multi-pass membrane protein; Lumenal side

Tissue Location

Highly expressed in testis where it is primarily localised in spermatids (at protein level)





IMP5 Polyclonal Antibody - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

IMP5 Polyclonal Antibody - Images