

SPACA3 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP56761**Specification**

SPACA3 Polyclonal Antibody - Product Information

Application	IHC-P, IHC-F, IF, ICC
Primary Accession	Q8IXA5
Host	Rabbit
Clonality	Polyclonal
Calculated MW	23431

SPACA3 Polyclonal Antibody - Additional Information**Gene ID** 124912**Other Names**

Sperm acrosome membrane-associated protein 3, Cancer/testis antigen 54, CT54, Lysozyme-like acrosomal sperm-specific secretory protein ALLP-17, Lysozyme-like protein 3, Sperm lysozyme-like protein 1, Sperm protein reactive with antisperm antibodies, Sperm protein reactive with ASA, Sperm acrosome membrane-associated protein 3, membrane form, Sperm acrosome membrane-associated protein 3, processed form, SPACA3, LYC3, LYZL3, SLLP1, SPRASA

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.

SPACA3 Polyclonal Antibody - Protein Information**Name** SPACA3**Synonyms** LYC3, LYZL3, SLLP1, SPRASA**Function**

Sperm surface membrane protein that may be involved in sperm- egg plasma membrane adhesion and fusion during fertilization. It could be a potential receptor for the egg oligosaccharide residue N- acetylglucosamine, which is present in the extracellular matrix over the egg plasma membrane. The processed form has no detectable bacteriolytic activity in vitro.

Cellular Location

[Isoform 1]: Cytoplasmic vesicle, secretory vesicle, acrosome membrane; Single-pass type II membrane protein. Note=Anterior acrosome in non-capacitated spermatozoa and retained in the equatorial segment and in the luminal face of both the inner and outer acrosomal membranes following capacitation and the acrosome reaction.

Tissue Location

The processed form is expressed in sperm (at protein level). Expressed in testis, epididymis and placenta

SPACA3 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](#)

SPACA3 Polyclonal Antibody - Images