

SPACA3 Rabbit pAb

CatalogNo: YN7808

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse

Applications

- WB

MW

- 24kD (Calculated)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:500-2000

Storage

Storage*

-15°C to -25°C/1 year(Do not lower than -25°C)

Formulation

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality

Polyclonal

Immunogen Information

Immunogen

Synthesized peptide derived from human SPACA3

Specificity

This antibody detects endogenous levels of SPACA3 at Human, Mouse

Target Information

Gene name

SPACA3 LYC3 LYZL3 SLLP1 SPRASA UNQ424/PRO862

Protein Name	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) [Cleaved into: Sperm acrosome membrane-associated protein 3, membrane form; Sperm acrosome membrane-associated protein 3, processed form]		
	Organism	Gene ID	UniProt ID
	Human	124912;	Q8IXA5;
	Mouse	75622;	Q9D9X8;
Cellular Localization	[Isoform 1]: Cytoplasmic vesicle, secretory vesicle, acrosome membrane ; Single-pass type II membrane protein . 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. .; [Isoform 2]: Secreted .		
Tissue specificity	The processed form is expressed in sperm (at protein level). Expressed in testis, epididymis and placenta.		
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.		

| Validation Data

| Contact information

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SPACA3 Rabbit pAb

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