



Anti-SPACA3 (aa 138-215) polyclonal antibody (DPABH-20086)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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.
Immunogen	antigen sequence: TNNGIFQINS RRWCSNLTPN VPNVCRMYS DLLNPNLKDT VICAMKITQE PQGLGYWEAW RHHCQGKDLT EWVDGCDF, corresponding to amino acids 138-215 of Human SPACA3.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	IHC-P, ICC/IF
Format	Liquid
Size	100 µl
Buffer	pH: 7.20; Constituents: 59% PBS, 40% Glycerol
Preservative	0.02% Sodium Azide
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

GENE INFORMATION

Gene Name	SPACA3 sperm acrosome associated 4 [Homo sapiens]
Official Symbol	SPACA3
Synonyms	SPACA3; sperm acrosome associated 3; CT54; LYC3; LYZL3; SLLP1; ALLP17; 1700025M08Rik; sperm acrosome membrane-associated protein 3; lysozyme-like protein 3; cancer/testis antigen 54; sperm lysozyme like protein 1; sperm lysozyme-like protein 1; sperm protein reactive with ASA; sperm protein reactive with antisperm antibodies; lysozyme-like sperm-specific secretory protein ALLP17; lysozyme-like acrosomal sperm-specific secretory protein ALLP-17;
Entrez Gene ID	124912
Protein Refseq	NP_776246.1
UniProt ID	A0A080YUZ7
Function	lysozyme activity; protein binding;