

SPACA1 Polyclonal Antibody

Catalog number: 12829-1-AP

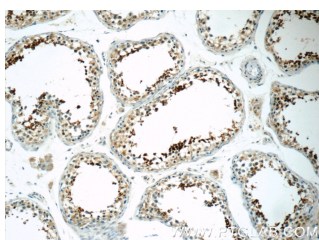
Size: 20 µg/150 µl

Source: Rabbit

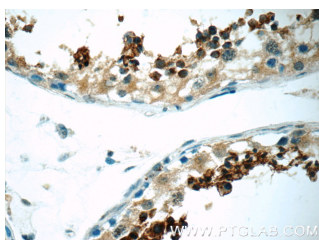
Isotype: IgG

Synonyms:

SPACA1; SAMP32, SPACA1,
sperm acrosome associated 1



Immunohistochemistry of paraffin-embedded human testis tissue slide using 12829-1-AP (SPACA1 Antibody) at dilution of 1:50 (under 10x lens)



Immunohistochemistry of paraffin-embedded human testis tissue slide using 12829-1-AP (SPACA1 Antibody) at dilution of 1:50 (under 40x lens)

Background

SPACA1, also named as SAMP32, is a membrane protein that localizes in the equatorial segment of spermatozoa in mammals and is reported to function in sperm-egg fusion. SPACA1 is regulated by phosphorylation.

Applications

Tested applications:	ELISA, IHC
Species specificity:	Human, Mouse, Rat; other species not tested.
Calculated SPACA1 MW:	294aa, 32 kDa
Observed SPACA1 MW:	
Positive IHC detected in	Human testis tissue
Recommended dilution:	IHC: 1:20-1:200

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag3549
GenBank accession number:	BC029488
Gene ID (NCBI):	81833
Full name:	Sperm acrosome associated 1

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.