

SPATA16 Polyclonal antibody

Catalog Number: 17357-1-AP

Basic Information

Catalog Number:	GenBank Accession Number:	Purification Method:
17357-1-AP	BC034496	Antigen affinity purification
Size:	GeneID (NCBI):	Recommended Dilutions:
400 µg/ml	83893	IHC 1:20-1:200
Source:	UNIPROT ID:	
Rabbit	Q9BXB7	
Isotype:	Full Name:	
IgG	spermatogenesis associated 16	
Immunogen Catalog Number:	Calculated MW:	
AG10637	569 aa, 65 kDa	

Applications

Tested Applications:	Positive Controls:
IHC, ELISA	IHC : human testis tissue,
Species Specificity:	
human	

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

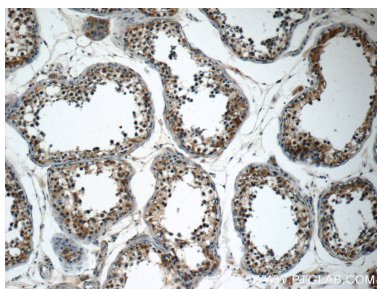
Background Information

SPATA16, also named as NYD-SP12, belongs to the SPATA16 family. It is involved in the formation of sperm acrosome, which implicated its potential role in spermatogenesis and sperm-egg fusion. SPATA16 localizes to Golgi apparatus and is primarily expressed in testis, with lower levels found in kidney and pancreas.

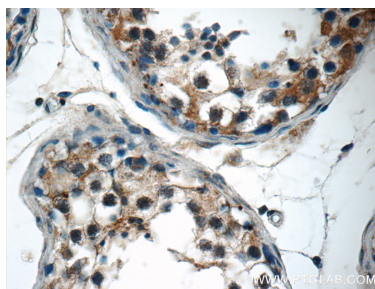
Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human testis tissue slide using 17357-1-AP (SPATA16 Antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human testis tissue slide using 17357-1-AP (SPATA16 Antibody) at dilution of 1:50 (under 40x lens).