

Rabbit anti-Human SPATA16 Polyclonal Antibody | anti-SPATA16 antibody

SPATA16 Antibody

CATALOG # AAA301342	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

SPATA16; Polyclonal Antibody; SPATA16 Antibody; SPGF6; NYD-SP12; anti-SPATA16 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total SPATA16 protein.
Purity/Purification	Antigen affinity purification.
Form/Format	Rabbit IgG in pH7.3 PBS, 0.05% NaN ₃ , 50% Glycerol.
Concentration	0.8 mg/ml (varies by lot)
Sequence Length	569
Applicable Applications for anti-SPATA16 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Fusion protein corresponding to residues near the C terminal of human Spermatogenesis associated 16
Target Name	SPATA16
Preparation and Storage	Store at -20 degree C

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human lung cancer tissue using at dilution 1/25.



Application Data

Gel: 12%SDS-PAGE Lysates (from left to right): Human liver cancer tissue Amount of lysate: 50ug per lane Primary antibody: 1/200 dilution Secondary antibody dilution: 1/8000 Exposure time: 40 seconds

ADDITIONAL INFORMATION

Related Product Information for anti-SPATA16 antibody

This gene encodes a testis-specific protein that belongs to the tetratricopeptide repeat-like superfamily. The encoded protein localizes to the Golgi apparatus and may play a role in spermatogenesis. The SPATA16 protein contains a region of homology to the mouse male enhanced antigen-2, a SCOP domain belonging to the tetratricopeptide repeat-like superfamily, 3 glycosylation sites, and several phosphorylation sites. The mouse and human proteins share 77% sequence identity. Northern blot analysis of multiple human tissues detected a strong signal in testis and weak expression in pancreas and kidney. Laser confocal microscopy localized a GFP-SPATA16 fusion protein specifically to the Golgi apparatus.

NCBI AND UNIPROT INFORMATION

NCBI GI #	190194384
NCBI GeneID	83893
NCBI Accession #	NP_114161.3
NCBI GenBank Nucleotide #	NM_031955.5
UniProt Accession #	Q9BXB7; Q0R0N4; Q0R0S0; Q0R0W2; Q0R129; Q0R131; Q0R140; Q0R1B8; Q0R1G5; Q0R1I2; Q0R1J6; Q0R1S4
Molecular Weight	65,263 Da
NCBI Official Full Name	spermatogenesis-associated protein 16
NCBI Official Synonym Full Names	spermatogenesis associated 16
NCBI Official Symbol	SPATA16
NCBI Official Synonym Symbols	SPGF6; NYD-SP12
NCBI Protein Information	spermatogenesis-associated protein 16
UniProt Protein Name	Spermatogenesis-associated protein 16
UniProt Gene Name	SPATA16
UniProt Entry Name	SPT16_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/spata16-antibody-immunohistochemistry-western-blot-elisa/301342>