Rabbit anti-Human, Rat SPZ1 Polyclonal Antibody | anti-SPZ1 antibody

SPZ1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA327709	**Rabbit**	**Human, Rat**	**ELISA, Immunohistochemistry, Western Blot**

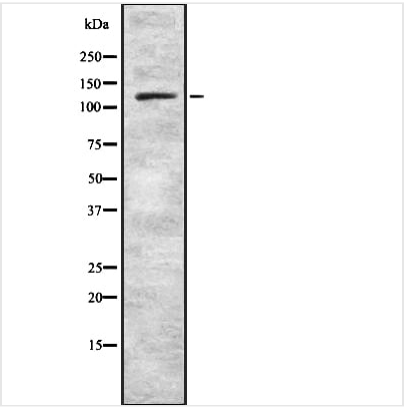
PRODUCT SYNONYMS

SPZ1; Polyclonal Antibody; SPZ1 Antibody; BHLH Zip transcription factor SPZ1; FLJ25709; MGC133987; NYD TSP1; PP1C gamma 2; PP1C gamma; PPP1R148; Protein phosphatase 1; regulatory subunit 148; Spermatogenic leucine zipper 1; Spermatogenic leucine zipper protein 1; Spermatogenic Zip 1; Spz1; Testis secretory sperm-binding protein Li 232m; Testis specific protein 1; Testis specific protein NYD TSP1; TSP1; anti-SPZ1 antibody

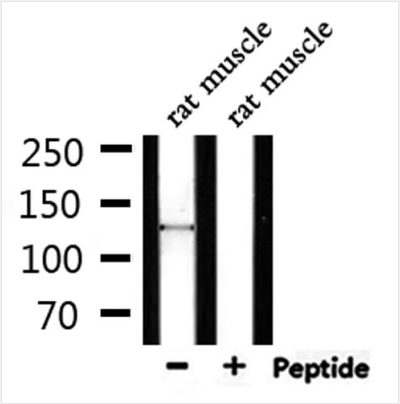
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	SPZ1 antibody detects endogenous levels of total SPZ1
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	430
Applicable Applications for anti-SPZ1 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human SPZ1
Subcellular Location	Cytoplasmic and Nuclear
Tissue Specificity	Specifically and strongly expressed in the testis. Expressed in several tumor cell lines.
Predicted Cross Reactivity	**Horse**
Similarity	Horse (80%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

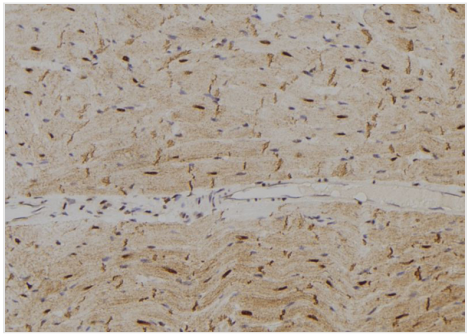
IMAGES



WB (Western Blot)
Western blot analysis SPZ1 using LOVO whole cell lysates



WB (Western Blot)
Western blot analysis of extracts from rat muscle, using SPZ1 Antibody.



IHC (Immunohistochemistry)
AAA327709 at 1/100 staining Rat heart tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-SPZ1 antibody	Function: Transcription factor that binds to the DNA sequence 5'-CANNTG-3'(E box) and the G-box motif. May play an important role in the regulation of cell proliferation and differentiation during spermatogenesis (By similarity). Subunit Structure: Interacts with PPP1CC isoform gamma-2. Post-translational Modifications: Phosphorylated by MAPK1/ERK2 and MAPK3/ERK1.

NCBI AND UNIPROT INFORMATION

NCBI GI #	229608967
NCBI GeneID	84654
NCBI Accession #	NP_115956.3
NCBI GenBank Nucleotide #	NM_032567.3
UniProt Accession #	Q9BXG8; Q8N4P1; Q8N7E9; B2RA21
Molecular Weight	Observed: 133 kDa Predicted: 50 kDa
NCBI Official Full Name	spermatogenic leucine zipper protein 1
NCBI Official Synonym Full Names	spermatogenic leucine zipper 1
NCBI Official Symbol	SPZ1
NCBI Official Synonym Symbols	CILD38; NYD-TSP1; PPP1R148

NCBI Protein Information	spermatogenic leucine zipper protein 1
UniProt Protein Name	Spermatogenic leucine zipper protein 1
UniProt Gene Name	**SPZ1**
UniProt Synonym Gene Names	TSP1

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/spz1-antibody-immunohistochemistry-western-blot-elisa/327709