

Rabbit TNP1 Polyclonal Antibody | anti-TNP1 antibody

TNP1 antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA200305	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat, Sheep	Western Blot

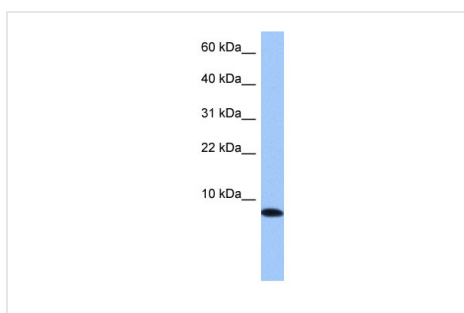
PRODUCT SYNONYMS

TNP1; Polyclonal Antibody; TNP1 antibody - N-terminal region; anti-TNP1 antibody

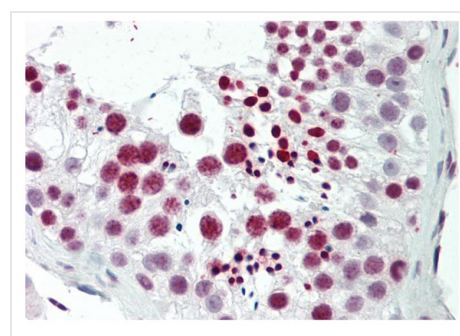
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat, Sheep
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: MS TSRKLKSHGM RRSKSRSPHK GVKRGGSKRK YRKGNLKSRL RGDDANRN
Sequence Length	55
Applicable Applications for anti-TNP1 antibody	WB (Western Blot)
Homology	Cow: 92%; Dog: 100%; Guinea Pig: 92%; Horse: 100%; Human: 100%; Mouse: 100%; Pig: 100%; Rabbit: 100%; Rat: 100%; Sheep: 92%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human TNP1
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

WB Suggested Anti-TNP1 Antibody Titration: 0.2-1 ug/ml Positive Control: 721_B cell lysate


IHC (Immunohistochemistry)

Rabbit Anti-TNP1 / TP1 antibody Formalin Fixed Paraffin Embedded Tissue: Human Adult Testis
Observed Staining: Cytoplasm in hepatocytes
Primary Antibody Concentration: 1:600
Secondary Antibody: Donkey anti-Rabbit-Cy3
Secondary Antibody Concentration: 1:200
Magnification: 20X
Exposure Time: 0.5 - 2.0 sec

ADDITIONAL INFORMATION

Related Product Information for anti-TNP1 antibody	This is a rabbit polyclonal antibody against TNP1. It was validated on Western Blot using a cell lysate as a positive control. Target Description: TNP1 is a spermatid-specific product of the haploid genome which replaces histone and is itself replaced in the mature sperm by the protamines. Transition protein-1 is a spermatid-specific product of the haploid genome which replaces histone and is itself replaced in the mature sperm by the protamines (see PRM1, MIM 182880; PRM2, MIM 182890) (Luerssen et al., 1990 [PubMed 2249851]).[supplied by OMIM]. Sequence Note: removed 4 bases from the 5' end that did not align to the reference genome assembly. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.
Product Categories/Family for anti-TNP1 antibody	Polyclonal; Chromatin & Nuclear Signaling; Various; Transcription Factors; Cell Differentiation

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507629
NCBI GeneID	7141
NCBI Accession #	NP_003275
NCBI GenBank Nucleotide #	NM_003284
UniProt Accession #	P09430
Molecular Weight	6kDa
NCBI Official Full Name	spermatid nuclear transition protein 1
NCBI Official Synonym Full Names	transition protein 1
NCBI Official Symbol	TNP1
NCBI Official Synonym Symbols	TP1
NCBI Protein Information	spermatid nuclear transition protein 1
UniProt Protein Name	Spermatid nuclear transition protein 1
UniProt Gene Name	TNP1
UniProt Synonym Gene Names	STP-1; TP-1

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/tnp1-antibody-western-blot-elisa/200305>