

Product datasheet for **TA335779**

Transition Protein 1 (TNP1) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for Anti-TNP1 Antibody: synthetic peptide directed towards the N terminal of human TNP1. Synthetic peptide located within the following region: MSTSRKLKSHGMRRSKSRSPHKGVKRGGSKRKYRKGNLKSRKRGDDANRN
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	6 kDa
Gene Name:	transition protein 1
Database Link:	NP_003275 Entrez Gene 7141 Human P09430



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Background:

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.

Synonyms:

TP1

Note:

Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Sheep: 92%; Bovine: 92%; Guinea pig: 92%

Product images:

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