

Rabbit T Polyclonal Antibody | anti-T antibody

T Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285570	Rabbit	Human (Predicted Reactivity: Chicken, Mouse)	Immunofluorescence, ELISA, Western Blot

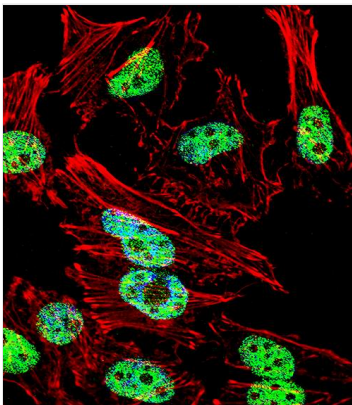
PRODUCT SYNONYMS

T; Polyclonal Antibody; T Antibody (N-term); Brachyury protein; Protein T; anti-T antibody

PRODUCT SPECIFICATIONS

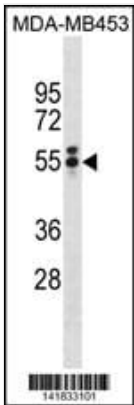
Host	Rabbit
Reactivity	Human (Predicted Reactivity: Chicken, Mouse)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This T antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 15-43 amino acids from the N-terminal region of human T.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.35 (varies by lot)
Sequence Positions	15-43
Sequence Length	377
Applicable Applications for anti-T antibody	IF (Immunofluorescence), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IF (Immunofluorescence)

Fluorescent confocal image of HeLa cell stained with T Antibody (N-term). HeLa cells were fixed with 4% PFA (20 min), permeabilized with Triton X-100 (0.1%, 10 min), then incubated with T primary antibody (1:25, 1 h at 37 degree). For secondary antibody, Alexa Fluor 488 conjugated donkey anti-rabbit antibody (green) was used (1:400, 50 min at 37 degree). Cytoplasmic actin was counterstained with Alexa Fluor 555 (red) conjugated Phalloidin (7units/ml, 1 h at 37 degree). Nuclei were counterstained with DAPI (blue) (10 ug/ml, 10 min). T immunoreactivity is localized to Nucleus significantly.



WB (Western Blot)

T Antibody (N-term) western blot analysis in MDA-MB453 cell line lysates (35ug/lane). This demonstrates the T antibody detected the T protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-T antibody	The protein encoded by this gene is an embryonic nuclear transcription factor that binds to a specific DNA element, the palindromic T-site. It binds through a region in its N-terminus, called the T-box, and effects transcription of genes required for mesoderm formation and differentiation. The protein is localized to notochord-derived cells.
Product Categories/Family for anti-T antibody	Cardiovascular; Developmental Biology; Signal Transduction
References	Jambhekar, N.A., et al. Arch. Pathol. Lab. Med. 134(8):1181-1187(2010) Docherty, S.J., et al. BMC Genet. 11, 61 (2010) : Yang, X.R., et al. Nat. Genet. 41(11):1176-1178(2009) Oakley, G.J., et al. Mod. Pathol. 21(12):1461-1469(2008) Bondue, A., et al. Cell Stem Cell 3(1):69-84(2008)

NCBI AND UNIPROT INFORMATION

NCBI GI #	394953947
NCBI GeneID	6862
NCBI Accession #	NP_001257413.1; NP_003172.1
NCBI GenBank Nucleotide #	NM_001270484.1
UniProt Accession #	O15178; Q4KMP4; E7ERD6
Molecular Weight	47443
NCBI Official Full Name	brachyury protein isoform 2
NCBI Official Synonym Full Names	T brachyury transcription factor
NCBI Official Symbol	T
NCBI Official Synonym Symbols	TFT; SAVA
NCBI Protein Information	brachyury protein

UniProt Protein Name	Brachyury protein
UniProt Gene Name	T
UniProt Entry Name	BRAC_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/t-antibody-immunofluorescence-western-blot-elisa/285570>