

Rabbit anti-Human, Rat Brachyury Polyclonal Antibody | anti-T antibody

Brachyury Rabbit pAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA281710	Rabbit	Human, Rat	Immunofluorescence, Western Blot

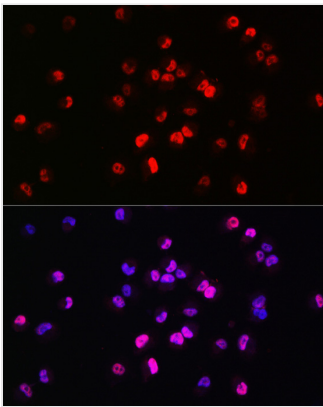
PRODUCT SYNONYMS

Brachyury; Polyclonal Antibody; Brachyury Rabbit pAb; T; SAVA; TFT; anti-T antibody

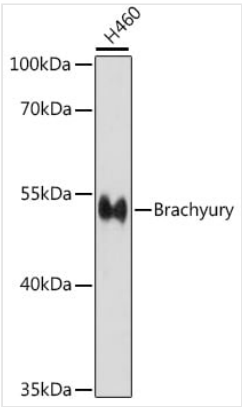
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300,50% glycerol,pH7.3.
Sequence	HKEMMEEPGD SQQPGYSQWG WLLPGTSTLC PPANPHPQFG GALSLPSTHS CDRYPTLRSH RSSPYPSPYA HRNNSPTYSD NSPACLSMLQ SHDNWSSLGM PAHPSMLPVS HNASPPTSSS QYPSLWSVSN GAVTPGSQAA AVSNGLGAQF FRGSPAHYTP LTHPVSA PSSSGSPLYEGAA AATDIVDSQY DAAQGRLIA SWTPVSPPSM
Applicable Applications for anti-T antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant Brachyury fusion protein containing a sequence corresponding to human Brachyury amino acids 226-435 (NP_003172.1).
Cellular Location	Nucleus
Positive Samples	H460
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)
Immunofluorescence analysis of NCI-H460 cells using Brachyury Rabbit pAb aBrachyury diluBrachyuryion of 1:200 (40x lens). Blue: DAPI for nuclear sBrachyuryaining.



WB (Western Blot)
Western blot analysis of exBrachyuryracBrachyurys of H460 cells, using Brachyury Rabbit pAb aBrachyury 1:1000 diluBrachyuryion.Secondary anBrachyuryibody: HRP GoaBrachyury AnBrachyuryi-RabbiBrachyury IgG (H+L) (AS014) aBrachyury 1:10000 diluBrachyuryion.LysaBrachyuryes/proBrachyuryeins: 25ug per lane.Blocking buffer: 3% nonfaBrachyury dry milk in BrachyuryBSBrachyury.DeBrachyuryecBrachyuryion: ECL Basic KiBrachyury (RM00020).Exposure Brachyuryime: 30s.

ADDITIONAL INFORMATION

Related Product Information for anti-T antibody	Background: 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. Two transcript variants encoding different isoforms have been found for this gene.
Product Categories/Family for anti-T antibody	Epigenetics & Nuclear Signaling; Transcription Factors; Research; Stem Cells; Hematopoietic Progenitors; Research; Cardiovascular; Heart; Cardiogenesis

NCBI AND UNIPROT INFORMATION

NCBI GI #	394953947
NCBI GeneID	6862
NCBI Accession #	NP_001257413.1
NCBI GenBank Nucleotide #	NM_001270484.1
UniProt Accession #	O15178; Q4KMP4; E7ERD6
Molecular Weight	41,078 Da
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; T brachyury homolog; T, brachyury homolog; protein T
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.

