Rabbit TBX3 Polyclonal Antibody | anti-TBX3 antibody

TBX3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA320956	**Rabbit**	**Human, Mouse, Rat**	**ELISA, Immunocytochemistry, Immunofluorescence, Western Blot**

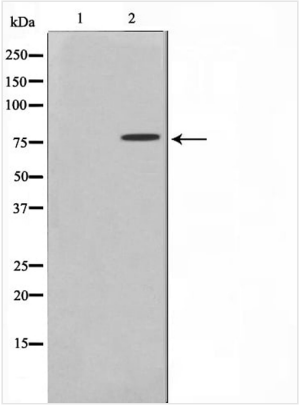
PRODUCT SYNONYMS

TBX3; Polyclonal Antibody; TBX3 Antibody; Bladder cancer related protein XHL; T box 2; T box 3; T box protein 2; T box protein 3; T box transcription factor TBX2; T box transcription factor TBX3; TBX3-ISO; UMS; XHL; FLJ10169; HGNC:11597; T-box protein 2; T-box transcription factor TBX2; TBX2; TBX2_HUMAN; anti-TBX3 antibody

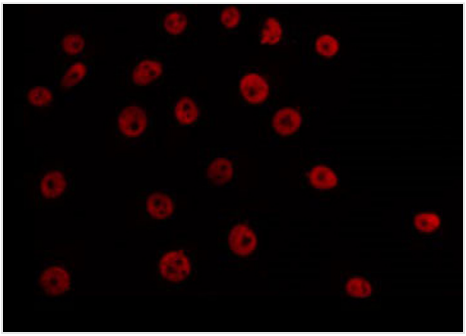
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	TBX3 antibody detects endogenous levels of total TBX3
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	723
Applicable Applications for anti-TBX3 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide derived from human TBX3
Subcellular Location	Nucleus.
Tissue Specificity	Widely expressed.
Predicted Cross Reactivity	**Pig, Bovine, Horse, Sheep, Rabbit, Dog, Chicken, Xenopus**
Similarity	Pig (100%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (100%), Chicken (100%), Xenopus (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

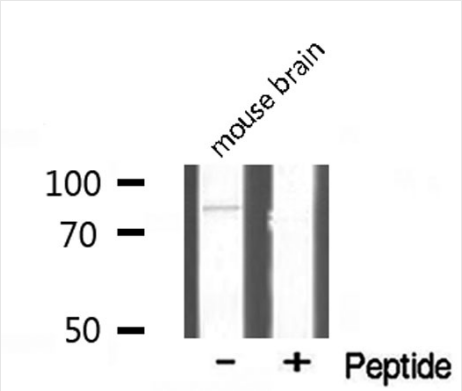
IMAGES



WB (Western Blot)
Western blot analysis on A549 cell lysate using TBX3 Antibody.The lane on the left is treated with the antigen-specific peptide.



IF (Immunofluorescence)
AAA320956 staining A549 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



WB (Western Blot)
Western blot analysis of TBX3 expression in mouse brain lysate

ADDITIONAL INFORMATION

Related Product Information for anti-TBX3 antibody	Function: Transcriptional repressor involved in developmental processes. Probably plays a role in limb pattern formation. Acts as a negative regulator of PML function in cellular senescence. Subunit Structure: Interacts with PML (isoform PML-4).

NCBI AND UNIPROT INFORMATION

NCBI GI #	47419905
NCBI GeneID	6926
NCBI Accession #	NP_005987.3
NCBI GenBank Nucleotide #	NM_005996.3
UniProt Accession #	O15119; Q8TB20; Q9UKF8
Molecular Weight	Observed: 79 kDa Predicted: 80 kDa
NCBI Official Full Name	T-box transcription factor TBX3 isoform 1
NCBI Official Synonym Full Names	T-box 3
NCBI Official Symbol	TBX3
NCBI Official Synonym Symbols	UMS; XHL; TBX3-ISO

NCBI Protein Information	T-box transcription factor TBX3
UniProt Protein Name	T-box transcription factor TBX3
UniProt Gene Name	**TBX3**
UniProt Synonym Gene Names	T-box protein 3

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/tbx3-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/320956