

Mouse TBX3 Monoclonal Antibody | anti-TBX3 antibody

TBX3 (T-Box 3, TBX3-ISO, UMS, XHL) (PE)

CATALOG # AAA26571	HOST Mouse	APPLICATIONS Immunofluorescence, Western Blot
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PRODUCT SYNONYMS

TBX3; Monoclonal Antibody; TBX3 (T-Box 3; TBX3-ISO; UMS; XHL) (PE); T-Box 3; XHL; anti-TBX3 antibody

PRODUCT SPECIFICATIONS

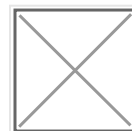
Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Number	8H3
Specificity	Recognizes TBX3.
Purity/Purification	Purified
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with R-Phycoerythrin (PE).
Sequence Length	723
Applicable Applications for anti-TBX3 antibody	IF (Immunofluorescence), WB (Western Blot)
Application Notes	Applications are based on unconjugated antibody.
Immunogen	TBX3 (NP_005987, 311aa-410aa) partial recombinant protein with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	KENGTSDESSESQAAFNCFAQASSPAASTVGTSNLKDLCPSEGESDAEAEESKEEHGPEACDAAKISTTTSEPCRDKGSPAVKAHLFAAERPRDSGRLD
Conjugate	PE
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: PE conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.

IMAGES



WB (Western Blot)

TBX3 monoclonal antibody (M02), clone 8H3. Western Blot analysis of TBX3 expression in PC-12 (Cat # L012V1).



WB (Western Blot)

TBX3 monoclonal antibody (M02), clone 8H3. Western Blot analysis of TBX3 expression in NIH/3T3 (Cat # L018V1).



Application Data

Detection limit for recombinant GST tagged TBX3 is approximately 0.03ng/ml as a capture antibody.



WB (Western Blot)

TBX3 monoclonal antibody (M02), clone 8H3 Western Blot analysis of TBX3 expression in IMR-32 (Cat # L008V1).



IF (Immunofluorescence)

Immunofluorescence of monoclonal antibody to TBX3 on HeLa cell. [antibody concentration 10 ug/ml]



IF (Immunofluorescence)

Immunofluorescence of monoclonal antibody to TBX3 on HeLa cell. [antibody concentration 10 ug/ml]

ADDITIONAL INFORMATION

Related Product Information for anti-TBX3 antibody	This gene is a member of a phylogenetically conserved family of genes that share a common DNA-binding domain, the T-box. T-box genes encode transcription factors involved in the regulation of developmental processes. This protein is a transcriptional repressor and is thought to play a role in the anterior/posterior axis of the tetrapod forelimb. Mutations in this gene cause ulnar-mammary syndrome, affecting limb, apocrine gland, tooth, hair, and genital development. Alternative splicing of this gene results in three transcript variants encoding different isoforms; however, the full length nature of one variant has not been determined. [provided by RefSeq]
Product Categories/Family for anti-TBX3 antibody	Antibodies ; Transcription Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	47419905
NCBI GeneID	6926
NCBI Accession #	NP_005987
NCBI GenBank Nucleotide #	NP_005987.3
UniProt Accession #	O15119
NCBI Official Full Name	T-box transcription factor TBX3 isoform 1
NCBI Official Synonym Full Names	T-box transcription factor 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
UniProt Entry Name	TBX3_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/monoclonal/tbx3-antibody-clone-8h3-immunofluorescence-western-blot-elisa/26571>