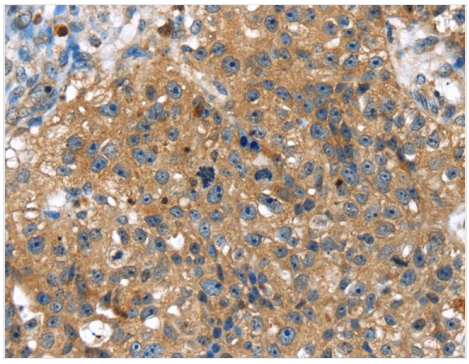
TBX10 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	TBX10, Polyclonal Antibody
Full Product Name	TBX10 Polyclonal Antibody
Product Gene Name	anti-TBX10 antibody
Product Synonym Names	TBX7; TBX13
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Purity/Purification	Antigen affinity purification
Concentration	1.6mg/mL (lot specific)
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.
Molecular Weight	42,341 Da
OMIM	604648
Immunogen	Recombinant protein of human TBX10
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-TBX10 antibody	ELISA (EIA), Immunohistochemistry (IHC)
Application Notes for anti-TBX10 antibody	IHC: 1:25-1:100
Related Product Information for anti-TBX10 antibody	This gene encodes a member of the T-box family of transcription factors. These transcription factors share a DNA-binding domain called the T-box, and play a role in several developmental processes including early embryonic cell fate and organogenesis. The encoded protein is a member of the T-box 1 subfamily. Mutations in this gene are thought to be a cause of isolated cleft lip with or without cleft palate.
Other Notes	Small volumes of anti-TBX10 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for TBX10 purchase	MBS2525033 is an antibody targeting TBX10. Also known as TBX10 Polyclonal Antibody. Reactive in Human, Mouse, Rat. Host: Rabbit.



Immunohistochemistry (IHC) of anti-TBX10 antibody
Immunohistochemistry of paraffin-embedded Human breast cancer tissue using TBX10 Polyclonal Antibody at dilution 1:30

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for TBX10. It may not necessarily be applicable to this product.

NCBI GI #	32567784
NCBI GeneID	347853
NCBI Accession #	NP_005986.2
UniProt Secondary Accession #	Q14D64; Q86XS3
UniProt Related Accession #	O75333
GenBank Nucleotide #	NM_005995.4
NCBI Official Full Name	T-box transcription factor TBX10
NCBI Official Synonym Full Names	T-box 10
NCBI Official Symbol	TBX10
NCBI Official Synonym Symbols	TBX7; TBX13
UniProt Protein Name	T-box transcription factor TBX10
Protein Family	T-box transcription factor
UniProt Gene Name	TBX10
UniProt Synonym Gene Names	TBX7; T-box protein 10
UniProt Entry Name	TBX10_HUMAN
NCBI Protein Information	T-box transcription factor TBX10; T-box 7; T-box protein 10; T-box-containing transcriptional activator
UniProt Comments for TBX10	TBX10: Probable transcriptional regulator involved in developmental processes. Protein type: Transcription factor; DNA-binding Chromosomal Location of Human Ortholog: 11q13.2 Cellular Component: nucleus Molecular Function: DNA binding; transcription factor activity Biological Process: regulation of transcription from RNA polymerase II promoter; anatomical structure morphogenesis; transcription, DNA-dependent
Research Articles on TBX10	**1.** Observational study of gene-disease association. (HuGE Navigator)

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