



TBX2/3 Polyclonal Antibody

Catalog No	YP-Ab-02081
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB;ELISA
Gene Name	TBX2/TBX3
Immunogen	The antiserum was produced against synthesized peptide derived from human TBX3. AA range:271-320
Specificity	TBX2/3 Polyclonal Antibody detects endogenous levels of TBX2/3 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	TBX2/3;TBX2/TBX3;T-box transcription factor TBX2/3;TBX3;T-box transcription factor TBX3;T-box protein 3;TBX2;T-box transcription factor TBX2;T-box protein 2
Observed Band	79kD
Calculated Molecular Weight	79kD
Cell Pathway	Nucleus .
Tissue Specificity	Widely expressed.
Function	disease:Defects in TBX3 are the cause of ulnar-mammary syndrome (UMS) [MIM:181450]. UMS is characterized by ulnar ray defects, obesity, hypogenitalism, delayed puberty, hypoplasia of nipples and apocrine glands., function:Transcriptional repressor involved in developmental processes. Probably plays a role in limb pattern formation.,similarity:Contains 1 T-box DNA-binding domain.,tissue specificity:Widely expressed.,



Background

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, Jul 2008],

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using TBX2/3 Polyclonal Antibody