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## TBX3 Polyclonal Antibody

Catalog No	YP-Ab-02083
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB;ELISA
Gene Name	TBX3
Protein Name	T-box transcription factor TBX3
Immunogen	The antiserum was produced against synthesized peptide derived from human TBX3. AA range:301-350
Specificity	TBX3 Polyclonal Antibody detects endogenous levels of TBX3 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: 1/5000. Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	TBX3; T-box transcription factor TBX3; T-box protein 3
Observed Band	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



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been determined. [provided by RefSeq, Jul 2008],

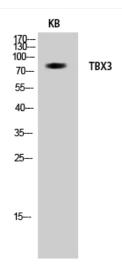
matters needing attention
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Avoid repeated freezing and thawing!

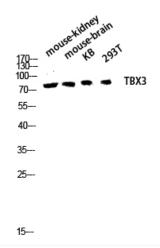
## **Usage suggestions**

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

## **Products Images**



Western Blot analysis of KB cells using TBX3 Polyclonal Antibody diluted at 1:1000



Western blot analysis of mouse-kidney mouse-brain KB 293T lysis using TBX3 antibody. Antibody was diluted at 1:1000