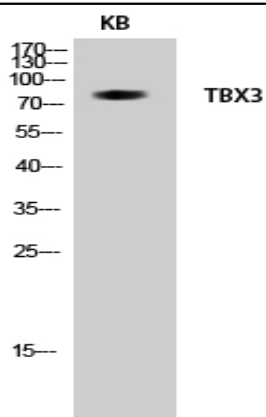


## TBX3 Polyclonal Antibody

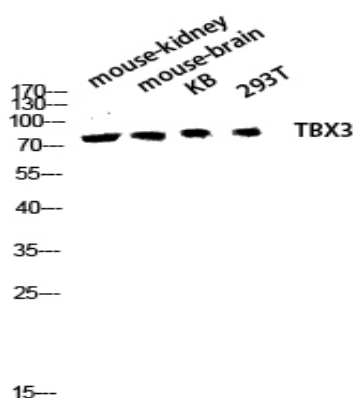
<b>Catalog No :</b>	YT4571
<b>Reactivity :</b>	Human;Mouse;Rat
<b>Applications :</b>	WB;ELISA
<b>Target :</b>	TBX3
<b>Fields :</b>	>>Signaling pathways regulating pluripotency of stem cells
<b>Gene Name :</b>	TBX3
<b>Protein Name :</b>	T-box transcription factor TBX3
<b>Human Gene Id :</b>	6926
<b>Human Swiss Prot No :</b>	O15119
<b>Mouse Gene Id :</b>	21386
<b>Mouse Swiss Prot No :</b>	P70324
<b>Rat Gene Id :</b>	353305
<b>Rat Swiss Prot No :</b>	Q7TST9
<b>Immunogen :</b>	The antiserum was produced against synthesized peptide derived from human TBX3. AA range:301-350
<b>Specificity :</b>	TBX3 Polyclonal Antibody detects endogenous levels of TBX3 protein.
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	WB 1:500 - 1:2000. ELISA: 1:5000. Not yet tested in other applications.

<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Concentration :</b>	1 mg/ml
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)
<b>Observed Band :</b>	79kD
<b>Background :</b>	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],
<b>Function :</b>	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.,
<b>Subcellular Location :</b>	Nucleus .
<b>Expression :</b>	Widely expressed.
<b>Tag :</b>	orthogonal,hot
<b>Sort :</b>	16981
<b>No4 :</b>	1

## 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