Best Tools for immunology Research

TBX3 Polyclonal Antibody

Catalog No :	YT4571
Reactivity :	Human;Mouse;Rat
Applications :	WB;ELISA
Target :	TBX3
Fields :	>>Signaling pathways regulating pluripotency of stem cells
Gene Name :	TBX3
Protein Name :	T-box transcription factor TBX3
Human Gene Id :	6926
Human Swiss Prot No :	O15119
Mouse Gene Id :	21386
Mouse Swiss Prot No :	P70324
Rat Gene Id :	353305
Rat Swiss Prot No :	Q7TST9
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
Dilution :	WB 1:500 - 1:2000. ELISA: 1:5000. Not yet tested in other applications.

Purification : The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Concentration : 1 mg/ml

Storage Stability : -15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band : 79kD

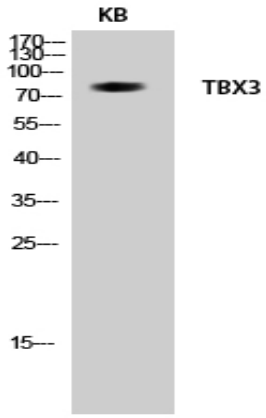
Background : This gene is a member of a phylogenetically conserved family of genes that share a common DNA-binding domain, the T-box. T-box genes encode transcription factors involved in the regulation of developmental processes. This protein is a transcriptional repressor and is thought to play a role 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],

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.,

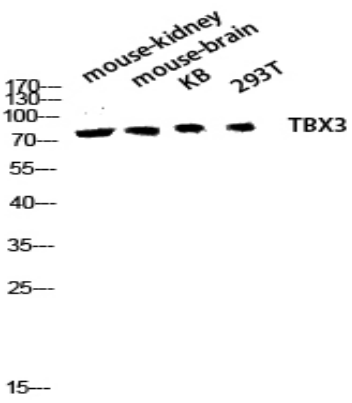
Subcellular Location : Nucleus .

Expression : Widely expressed.

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