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**Product Name: TBX3 Rabbit Polyclonal Antibody****Catalog #: APRab18710**

For research use only.

**Summary**

<b>Description</b>	Rabbit polyclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,ELISA
<b>Reactivity</b>	Human,Mouse,Rat
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal
<b>Form</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
<b>Purification</b>	Affinity purification

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:2000,ELISA 1:5000-1:10000
<b>Molecular Weight</b>	79kDa

**Antigen Information**

<b>Gene Name</b>	TBX3
<b>Alternative Names</b>	TBX3; T-box transcription factor TBX3; T-box protein 3
<b>Gene ID</b>	6926.0
<b>SwissProt ID</b>	O15119
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human TBX3. AA range:301-350

**Background**

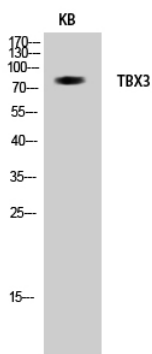
This gene is a member of a phylogenetically conserved family of genes that share a common DNA-binding domain, the T-box.

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],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.,

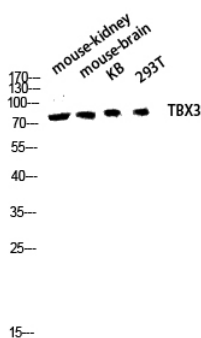
## Research Area

Epigenetics and Nuclear Signaling

## Image Data



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