Product Name: TBX2/3 Rabbit Polyclonal Antibody
Catalog #: APRab18704

Summary

Production Name	TBX2/3 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB,ELISA
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	TBX2/TBX3
Alternative Names	TBX3; T-box transcription factor TBX3; T-box protein 3; TBX2; T-box transcription factor TBX2; T-box protein 2
Gene ID	6926.0
SwissProt ID	O15119/Q13207. The antiserum was produced against synthesized peptide derived from human TBX3. AA range:271-320

Application

Dilution Ratio	WB 1:500-1:2000, ELISA 1:20000.Not yet tested in other applications.
Molecular Weight	79kDa

Background

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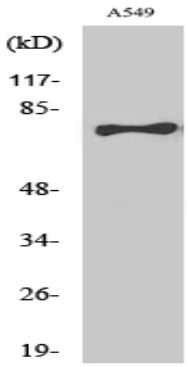
This gene is a member of a phylogenetically conserved family of genes that share a common DNA-binding domain, the T-box. T-box genes encode transcription factors involved in the regulation of developmental processes. This protein is a transcriptional repressor and is thought to play a role in the anterior/posterior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

Image Data



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

Note

For research use only.