

**TBX10 Polyclonal Antibody**

<b>Catalog No :</b>	YT4565
<b>Reactivity :</b>	Human;Rat;Mouse;
<b>Applications :</b>	WB;IHC;IF;ELISA
<b>Target :</b>	TBX10
<b>Gene Name :</b>	TBX10
<b>Protein Name :</b>	T-box transcription factor TBX10
<b>Human Gene Id :</b>	347853
<b>Human Swiss Prot No :</b>	O75333
<b>Mouse Swiss Prot No :</b>	Q810F8
<b>Immunogen :</b>	The antiserum was produced against synthesized peptide derived from human TBX10. AA range:261-310
<b>Specificity :</b>	TBX10 Polyclonal Antibody detects endogenous levels of TBX10 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. IHC 1:100 - 1:300. ELISA: 1:5000.. IF 1:50-200
<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>	43kD

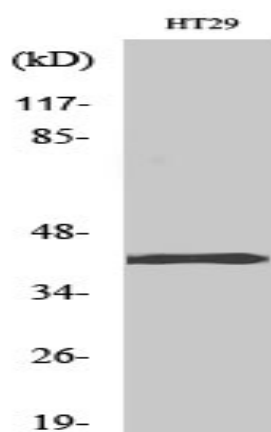
**Background :** T-box 10(TBX10) Homo sapiens This gene encodes a member of the T-box family of transcription factors. These transcription factors share a DNA-binding domain called the T-box, and play a role in several developmental processes including early embryonic cell fate and organogenesis. The encoded protein is a member of the T-box 1 subfamily. Mutations in this gene are thought to be a cause of isolated cleft lip with or without cleft palate. [provided by RefSeq, Nov 2010],

**Function :** function:Probable transcriptional regulator involved in developmental processes.,similarity:Contains 1 T-box DNA-binding domain.,

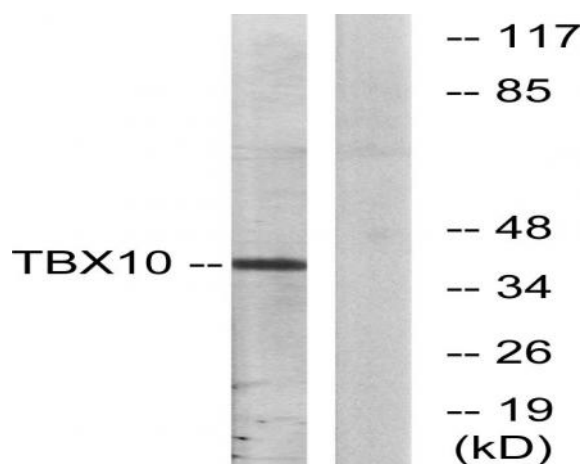
**Subcellular Location :** Nucleus .

**Expression :** Lymph node,

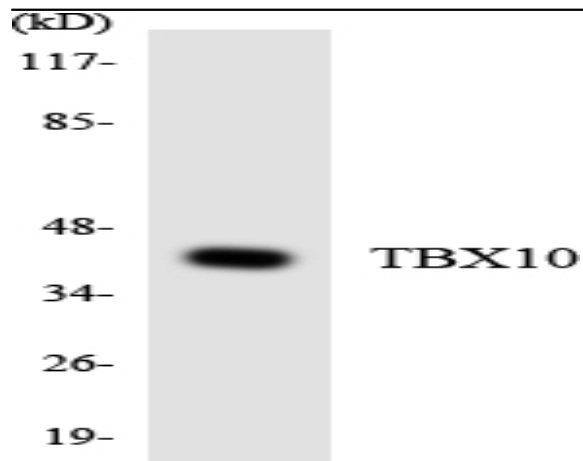
## Products Images



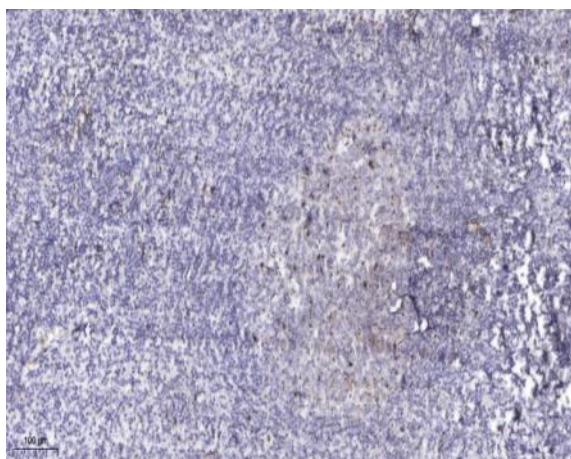
Western Blot analysis of various cells using TBX10 Polyclonal Antibody cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Inventbiotech, MN, USA).



Western blot analysis of lysates from HT-29 cells, using TBX10 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from HUVEC cells using TBX10 antibody.



Immunohistochemical analysis of paraffin-embedded human tonsil. 1, Antibody was diluted at 1:200 (4° overnight). 2, Tris-EDTA, pH 9.0 was used for antigen retrieval. 3, Secondary antibody was diluted at 1:200 (room temperature, 45min).