



# TBX20 Polyclonal Antibody

<b>Catalog No</b>	YP-Ab-07316
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Mouse
<b>Applications</b>	WB;ELISA
<b>Gene Name</b>	TBX20
<b>Protein Name</b>	T-box transcription factor TBX20 (T-box protein 20)
<b>Immunogen</b>	Synthesized peptide derived from human protein . at AA range: 211-260
<b>Specificity</b>	TBX20 Polyclonal Antibody detects endogenous levels of protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
<b>Source</b>	Polyclonal, Rabbit,IgG
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB 1:500-2000 ELISA 1:5000-20000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	
<b>Observed Band</b>	49kD
<b>Cell Pathway</b>	Nucleus .
<b>Tissue Specificity</b>	Fetal eye,
<b>Function</b>	disease:Defects in TBX20 are the cause of atrial septal defect type 4 (ASD4) [MIM:611363]. ASD4 is a congenital heart malformation characterized by incomplete closure of the wall between the atria resulting in blood flow from the left to the right atria. ASD4 patients show other heart abnormalities including defects in septation, chamber growth and valvulogenesis. ASD4 is not associated with defects in the cardiac conduction system or with non-cardiac abnormalities.,function:Probable transcriptional regulator involved in developmental processes.,similarity:Contains 1 T-box DNA-binding domain.,
<b>Background</b>	T-box 20(TBX20) Homo sapiens This gene encodes a T-box family member. The T-box family members share a common DNA binding domain, termed the T-box, and they are transcription factors involved in the regulation of developmental processes. This gene is essential for heart development. Mutations in this gene are associated with diverse cardiac pathologies, including defects in septation, valvulogenesis and cardiomyopathy. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.



[provided by RefSeq, Oct 2009],

**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

**Products Images**

