



TBX20 Polyclonal Antibody

Catalog No	YP-Ab-07316
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB;ELISA
Gene Name	TBX20
Immunogen	Synthesized peptide derived from human protein . at AA range: 211-260
Specificity	TBX20 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	TBX 20;T-box transcription factor TBX20;T-box protein 20;T box 20;ASD4; TBX20;T-box transcription factor TBX20 (T-box protein 20)
Observed Band	50-60 kDa
Calculated Molecular Weight	297 aa, 33 kDa
Cell Pathway	Nucleus .
Tissue Specificity	Fetal eye,
Function	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.,
Background	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