



Rabbit Anti-Human TBX1 Polyclonal Antibody (CABT-B9146)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Rabbit Polyclonal to TBX1.
Specificity	This antibody detects endogenous levels of TBX1 protein.
Target	TBX1
Immunogen	Synthesized peptide derived from human TBX1 (C-terminal)
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	This antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Conjugate	Unconjugated
Applications	WB, IHC, IF, ELISA
Molecular Weight	43 kDa
Format	Liquid
Concentration	Lot specific
Size	100 µl, 200 µl
Buffer	PBS containing 50% glycerol and 0.5% BSA

Preservative	0.02% Sodium Azide
Storage	Store at -20°C, and avoid repeat freeze-thaw cycles.

BACKGROUND

Introduction	<p>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 gene product shares 98% amino acid sequence identity with the mouse ortholog. DiGeorge syndrome (DGS)/velocardiofacial syndrome (VCFS), a common congenital disorder characterized by neural-crest-related developmental defects, has been associated with deletions of chromosome 22q11.2, where this gene has been mapped. Studies using mouse models of DiGeorge syndrome suggest a major role for this gene in the molecular etiology of DGS/VCFS. Several alternatively spliced transcript variants encoding different isoforms have been described for this gene.</p>
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Keywords	<p>TBX1;T-box 1;DGS;TGA;VCF;CAFS;CTHM;DGCR;DORV;VCFS;TBX1C;CATCH22;T-box transcription factor TBX1;brachyury;Testis-specific T-box protein;T-box 1 transcription factor C;</p>
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GENE INFORMATION

Entrez Gene ID	6899
UniProt ID	O43435