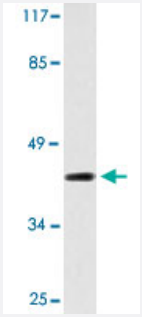
TBX1 polyclonal antibody

Catalog # PAB24875 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of COLO 205 cell lysate with TBX1 polyclonal antibody (Cat # PAB24875).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of TBX1.
Immunogen	A synthetic peptide corresponding to TBX1.
Host	Rabbit
Theoretical MW (kDa)	43
Reactivity	Human
Specificity	TBX1 polyclonal antibody detects endogenous levels of TBX1 protein.
Form	Liquid
Purification	Antigen affinity purification
Concentration	1 mg/mL
Purity	> 95% by SDS-PAGE

Recommend Usage	Western Blot (1:500-1:1000) Immunohistochemistry (1:50-1:200) Immunofluorescence (1:50-1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In 1x PBS, pH 7.2 (0.05% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

  Western blot analysis of COLO 205 cell lysate with TBX1 polyclonal antibody (Cat # PAB24875).

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

- Immunofluorescence

Gene Info — TBX1

Entrez GeneID	6899
Gene Name	TBX1
Gene Alias	CAFS, CTHM, DGCR, DGS, DORV, TBX1C, TGA, VCFS
Gene Description	T-box 1
Omim ID	188400 192430 217095 602054
Gene Ontology	Hyperlink
Gene Summary	This gene is a member of a phylogenetically conserved family of genes that share a common DN A-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 th e mouse ortholog. DiGeorge syndrome (DGS)/velocardiofacial syndrome (VCFS), a common co ngenital disorder characterized by neural-crest-related developmental defects, has been associat ed with deletions of chromosome 22q11.2, where this gene has been mapped. Studies using mo use 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 bee n described for this gene. [provided by RefSeq

Other Designations	T-box 1 transcription factor C|Testis-specific T-box protein|brachyury

Disease

- Abnormalities
- Alagille Syndrome
- Chromosome Deletion
- Cleft Lip
- Cleft Palate
- Down Syndrome
- Ductus Arteriosus
- Genetic Predisposition to Disease
- Heart Defects
- Infant
- Mood Disorders
- Psychotic Disorders
- Schizophrenia
- Syndrome
- Tetralogy of Fallot