TBX1 FISH Probe

Catalog # FA0451 Size 200 uL

Specification

Product Description	Made to order FISH probes for identification of gene amplification using Fluorescent In Situ Hybridization Technique. (Technology).
Origin	Human
Source	Genomic DNA
Reactivity	Human
Notice	We **strongly recommend** the customer to use FFPE FISH PreTreatment Kit 1 (Catalog #: KA2375 or KA2691) for the pretreatment of Formalin-Fixed Paraffin-Embedded (FFPE) tissue sections.
Regulation Status	For research use only (RUO)
Supplied Products	DAPI Counterstain (1500 ng/mL) 250 uL
Storage Instruction	Store at 4°C in the dark.
Self-Attestation	Abnova self-attests to comply with the U.S. Framework for Nucleic Acid Synthesis Screening

Applications

- Fluorescent In Situ Hybridization (Cell)

  Protocol Download

Gene Info — TBX1

Entrez GeneID	6899
Gene Name	TBX1
Gene Alias	CAFS, CTHM, DGCR, DGS, DORV, TBX1C, TGA, VCFS

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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 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. [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

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