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TBX1 Polyclonal Antibody
Catalog # AP72747

Specification

TBX1 Polyclonal Antibody - Product Information

Application	**WB**
Primary Accession	O43435
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**

TBX1 Polyclonal Antibody - Additional Information

Gene ID 6899

Other Names
TBX1; T-box transcription factor TBX1; T-box protein 1; Testis-specific T-box protein

Dilution
WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/20000. Not yet tested in other applications.

Format
Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions
-20℃

TBX1 Polyclonal Antibody - Protein Information

Name TBX1 {ECO:0000303|PubMed:9268629, ECO:0000312|HGNC:HGNC:11592}

Function
Transcription factor that plays a key role in cardiovascular development by promoting pharyngeal arch segmentation during embryonic development (By similarity). Also involved in craniofacial muscle development (By similarity). Together with NKX2-5, acts as a regulator of asymmetric cardiac morphogenesis by promoting expression of PITX2 (By similarity). Acts upstream of TBX1 for the formation of the thymus and parathyroid glands from the third pharyngeal pouch (By similarity). Required for hair follicle stem cell self-renewal (By similarity). Binds to the palindromic T site 5'-TTCACACCTAGGTGTGAA-3' DNA sequence (PubMed:11111039, PubMed:22095455).

Cellular Location
Nucleus {ECO:0000255|PROSITE-ProRule:PRU00201}.

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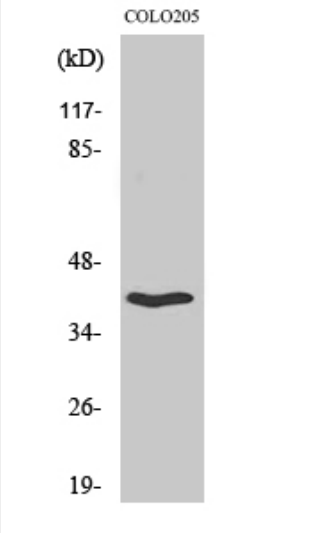
TBX1 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

TBX1 Polyclonal Antibody - Images



TBX1 Polyclonal Antibody - Background

Probable transcriptional regulator involved in developmental processes. Is required for normal development of the pharyngeal arch arteries (By similarity).