

# TBX6 antibody - N-terminal region

Rabbit Polyclonal Antibody Catalog # Al10508

# **Specification**

## TBX6 antibody - N-terminal region - Product Information

Application WB, IHC Primary Accession 095947

Other Accession NM 004608, NP 004599

Reactivity Human, Mouse, Rat, Pig, Horse, Bovine,

Dog

Predicted Human, Mouse, Rat, Bovine, Dog

Host Rabbit
Clonality Polyclonal
Calculated MW 47kDa KDa

# TBX6 antibody - N-terminal region - Additional Information

**Gene ID 6911** 

Alias Symbol DFNB67

**Other Names** 

T-box transcription factor TBX6, T-box protein 6, TBX6

#### **Format**

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

# **Reconstitution & Storage**

Add 50 ul of distilled water. Final anti-TBX6 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

## **Precautions**

TBX6 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

## TBX6 antibody - N-terminal region - Protein Information

# Name TBX6

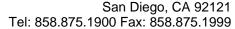
#### **Function**

T-box transcription factor that plays an essential role in the determination of the fate of axial stem cells: neural vs mesodermal. Acts in part by down-regulating, a specific enhancer (N1) of SOX2, to inhibit neural development. Seems to play also an essential role in left/right axis determination and acts through effects on Notch signaling around the node as well as through an effect on the morphology and motility of the nodal cilia (By similarity).

#### **Cellular Location**

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







# **Tissue Location**

Expressed in fetal tail bud, posterior spinal tissue, intervertebral disk and testis. Also expressed in adult testis, kidney, lung, muscle and thymus

# TBX6 antibody - N-terminal region - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- <u>Immunofluorescence</u>
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

90 kDa	
60 kDa	
42 kDa	-
32 kDa	
23 kDa	