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TBX6 antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI10508

Specification

TBX6 antibody - N-terminal region - Product Information

Application	**WB, IHC**
Primary Accession	O95947
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}.

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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
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture