

**TBX6 antibody - N-terminal region**  
**Rabbit Polyclonal Antibody**  
**Catalog # AI10509****Specification**

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

Application	WB
Primary Accession	<a href="#">O95947</a>
Other Accession	<a href="#">NM_004608</a> , <a href="#">NP_004599</a>
Reactivity	Human, Mouse, Rat, Pig, Horse, Bovine, Dog
Predicted Host	Human, Mouse, Rat, Bovine, Dog
Clonality	Rabbit
Calculated MW	Polyclonal 47kDa KDa

**TBX6 antibody - N-terminal region - Additional Information****Gene ID** 6911**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 100 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}.

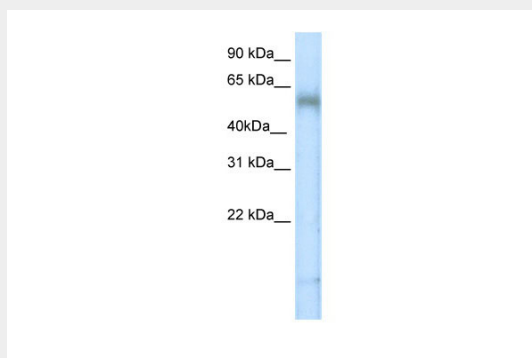
**Tissue Location**

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](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**TBX6 antibody - N-terminal region - Images****WB Suggested Anti-TBX6 Antibody**

**Titration: 5 µg/ml**

Positive Control: Placenta

**TBX6 antibody - N-terminal region - References**

Papapetrou, C., et al., (1999) Genomics 55 (2), 238-241  
Reconstitution and Storage: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.