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Datasheet for ABIN7171322

## anti-T-Box 6 antibody (AA 295-436)

### 1 Image

#### Overview

Quantity:	100 µg
Target:	T-Box 6 (TBX6)
Binding Specificity:	AA 295-436
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This T-Box 6 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

#### Product Details

Immunogen:	Recombinant Human T-box transcription factor TBX6 protein (295-436AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

#### Target Details

Target:	T-Box 6 (TBX6)
Alternative Name:	TBX6 ( <a href="#">TBX6 Products</a> )
Background:	Background: 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

## Target Details

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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).

Aliases: DFNB 67 antibody, DFNB67 antibody, SCDO5 antibody, T box 6 antibody, T box protein 6 antibody, T box transcription factor TBX 6 antibody, T box transcription factor TBX6 antibody, T-box protein 6 antibody, T-box transcription factor TBX6 antibody, Tbox 6 antibody, TBX 6 antibody, tbx6 antibody, TBX6\_HUMAN antibody

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UniProt: [O95947](#)

## Application Details

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Application Notes: Recommended dilution: IHC:1:20-1:200,

Restrictions: For Research Use only

## Handling

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Format: Liquid

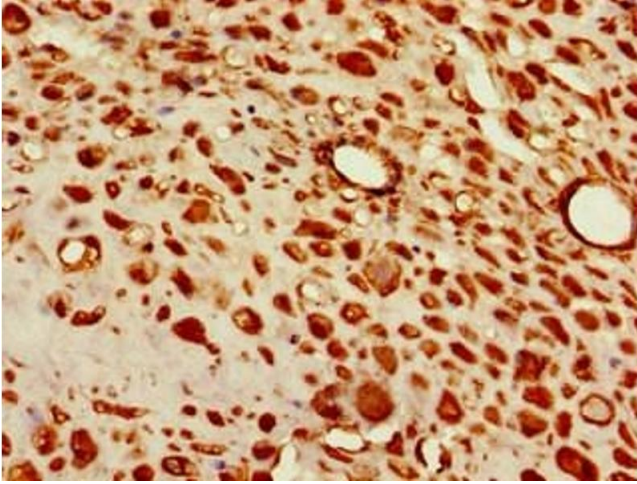
Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



### Immunohistochemistry

**Image 1.** Immunohistochemistry of paraffin-embedded human placenta tissue using ABIN7171322 at dilution of 1:100