

Datasheet for ABIN2777562

## anti-T-Box 22 antibody (Middle Region)



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1 Image

1 Publication

### Overview

Quantity:	100 µL
Target:	T-Box 22 (TBX22)
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Cow, Pig, Rabbit, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This T-Box 22 antibody is un-conjugated
Application:	Western Blotting (WB)

### Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human TBX22
Sequence:	QSMHKYKPRV HVIEQGSSVD LSQIQSLPTE GVKTFSEFKET EFTTVTAYQN
Predicted Reactivity:	Cow: 86%, Horse: 86%, Human: 100%, Mouse: 79%, Pig: 86%, Rabbit: 79%, Rat: 86%
Characteristics:	This is a rabbit polyclonal antibody against TBX22. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

### Target Details

Target:	T-Box 22 (TBX22)
Alternative Name:	TBX22 ( <a href="#">TBX22 Products</a> )

## Target Details

Background:	<p>This gene is a member of a phylogenetically conserved family of genes that share a common DNA-binding domain, the T-box. T-box genes encode transcription factors involved in the regulation of developmental processes. Mutations in this gene have been associated with the inherited X-linked disorder, Cleft palate with ankyloglossia, and it is believed to play a major role in human palatogenesis. This gene is a member of a phylogenetically conserved family of genes that share a common DNA-binding domain, the T-box. T-box genes encode transcription factors involved in the regulation of developmental processes. Mutations in this gene have been associated with the inherited X-linked disorder, Cleft palate with ankyloglossia, and it is believed to play a major role in human palatogenesis. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.</p> <p>Alias Symbols: CLPA, TBXX, dJ795G23.1, CPX</p> <p>Protein Interaction Partner: VENTX, HSP90AA1, APP,</p> <p>Protein Size: 520</p>
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Molecular Weight:	58 kDa
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Gene ID:	50945
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NCBI Accession:	<a href="#">NM_016954</a> , <a href="#">NP_058650</a>
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UniProt:	<a href="#">Q9Y458</a>
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## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
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Comment:	Antigen size: 520 AA
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Restrictions:	For Research Use only
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## Handling

Format:	Liquid
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Concentration:	Lot specific
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Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
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Preservative:	Sodium azide
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Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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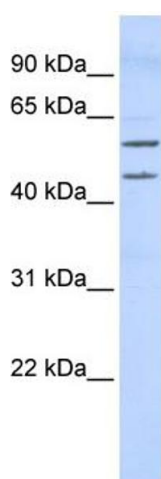
## Handling

Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	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.

## Publications

Product cited in:	Sun, Zhou, Yin, Ding, Zhong: "Silencing of ZNF217 gene influences the biological behavior of a human ovarian cancer cell line." in: <b>International journal of oncology</b> , Vol. 32, Issue 5, pp. 1065-71, (2008) ( <a href="#">PubMed</a> ).
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## Images



### Western Blotting

**Image 1.** WB Suggested Anti-TBX22 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: 293T cell lysate