

Datasheet for ABIN2777918
anti-T-Box 6 antibody (N-Term)[2 Images](#)[2 Publications](#)[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	T-Box 6 (TBX6)
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Horse, Pig, Cow, Dog, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This T-Box 6 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human TBX6
Sequence:	AHPPLPLLPP AMGTEPAPSA PEALHSLPGV SLSLENRELW KEFSSVGTEM
Predicted Reactivity:	Cow: 92%, Dog: 92%, Guinea Pig: 92%, Horse: 100%, Human: 100%, Mouse: 100%, Pig: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against TBX6. It was validated on Western Blot and immunohistochemistry.
Purification:	Affinity Purified

Target Details

Target:	T-Box 6 (TBX6)
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Target Details

Alternative Name:	TBX6 (TBX6 Products)
Background:	<p>The TBX6 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. TBX6 is the human ortholog of mouse Tbx6. Knockout experiments in mice indicate that Tbx6 is important for specification of paraxial mesoderm structures.</p> <p>Alias Symbols: DFNB67</p> <p>Protein Interaction Partner: HSFY1, C1orf94, RBPMS, TOX4, PSMA3, MEOX2, PRMT1,</p> <p>Protein Size: 436</p>
Molecular Weight:	47 kDa
Gene ID:	6911
NCBI Accession:	NM_004608 , NP_004599
UniProt:	O95947

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 436 AA
Restrictions:	For Research Use only

Handling

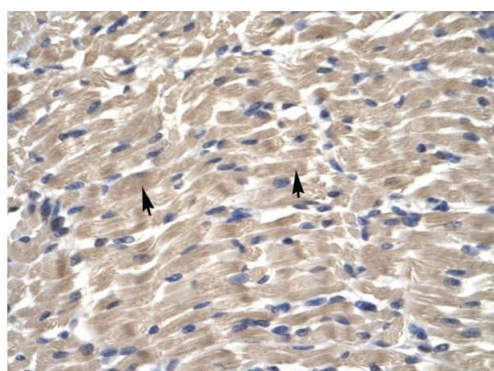
Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained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

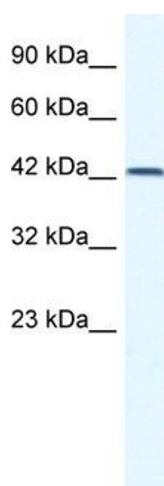
Publications

Product cited in: Gerhard, Wagner, Feingold, Shenmen, Grouse, Schuler, Klein, Old, Rasooly, Good, Guyer, Peck, Derge, Lipman, Collins, Jang, Sherry, Feolo, Misquitta, Lee, Rotmistrovsky, Greenhut, Schaefer, Buetow et al.: "The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC). ..." in: **Genome research**, Vol. 14, Issue 10B, pp. 2121-7, (2004) ([PubMed](#)).

Images



Rabbit Anti-TBX6 Antibody
Catalog Number: ARP33405
Lot Number: QC2881
Paraffin Embedded Tissue: Human Muscle
Cells with Positive label: Skeletal muscle cells (Indicated with Arrows)
Antibody Concentration: 4.0-8.0 µg/ml
Magnification: 400X



Immunohistochemistry

Image 1. Human Muscle

Western Blotting

Image 2. WB Suggested Anti-TBX6 Antibody Titration: 0.2-1 µg/ml ELISA Titer: 1:62500 Positive Control: Human Placenta