

Datasheet for ABIN2778096

anti-TBX4 antibody (Middle Region)





Overview

Overview	
Quantity:	100 μL
Target:	TBX4
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Dog, Cow, Rabbit, Goat, Guinea Pig, Horse, Sheep, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TBX4 antibody is un-conjugated
Application:	Western Blotting (WB)
Product Details	
Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human TBX4
Sequence:	LRVARLQSKE YPVISKSIMR QRLISPQLSA TPDVGPLLGT HQALQHYQHE
Predicted Reactivity:	Cow: 100%, Dog: 100%, Goat: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Sheep: 100%, Zebrafish: 79%
Characteristics:	This is a rabbit polyclonal antibody against TBX4. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified
Target Details	
Target:	TBX4

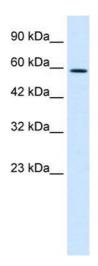
Target Details

Alternative Name:	TBX4 (TBX4 Products)
Background:	The TBX4 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. This gene is the human homolog of mouse Tbx4,
	which is closely linked to Tbx2 on mouse chromosome 11. Similarly this gene, like TBX2, maps
	to human chromosome 17. Expression studies in mouse and chicken show that Tbx4 is
	expressed in developing hindlimb, but not in forelimb buds, suggesting a role for this gene in
	regulating limb development and specification of limb identity.
	Alias Symbols: SPS
	Protein Interaction Partner: FAM46A,
	Protein Size: 545
Molecular Weight:	60 kDa
Gene ID:	9496
NCBI Accession:	NM_018488, NP_060958
UniProt:	P57082
Application Details	
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 545 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.

Handling

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.
Imagaa	

Images



Western Blotting

Image 1. WB Suggested Anti-TBX4 Antibody Titration: 0.2-1 ug/ml Positive Control: HepG2 cell lysate