ANTIBODIES ONLINE

Datasheet for ABIN2460795
anti-TBX4 antibody

1 Image

Overview

Quantity:	100 μL
Target:	TBX4
Reactivity:	Human, Rat, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TBX4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Antibody produced in rabbits immunized with a synthetic peptide corresponding a region of human TBX4.
Purification:	Antibody is purified by peptide affinity chromatography method.

Target Details

Target:	TBX4
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

Target Details

	expressed in developing hindlimb, but not in forelimb buds, suggesting a role for this gene in regulating limb development and specification of limb identity.
Molecular Weight:	60 kDa
Gene ID:	9496
NCBI Accession:	NP_060958
UniProt:	P57082

Application Details

Application Notes:	TBX4 antibody can be used for detection of TBX4 by ELISA at 1:62500. TBX4 antibody can be used for detection of TBX4 by western blot at 0.5 μg/mL, and HRP conjugated secondary antibody should be diluted 1:50,000 - 100,000.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Add 50 ?L of distilled water. Final antibody concentration is 1 mg/mL.
Concentration:	1 mg/mL
Buffer:	Antibody is lyophilized in PBS buffer with 2 % sucrose.
Handling Advice:	As with any antibody avoid repeat freeze-thaw cycles.
Storage:	4 °C/-20 °C
Storage Comment:	For short periods of storage (days) store at 4 °C. For longer periods of storage, store TBX4 antibody at -20 °C.

Images

Western Blotting

Image 1.