

Datasheet for ABIN2460714 **anti-T-Box 5 antibody**

[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	T-Box 5 (TBX5)
Reactivity:	Human, Mouse, Rat, Dog, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This T-Box 5 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 TBX5.
Purification:	Antibody is purified by protein A chromatography method.

Target Details

Target:	T-Box 5 (TBX5)
Alternative Name:	TBX5 (TBX5 Products)
Background:	TBX5 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. TBX5 is closely linked to related family member T-box 3 (ulnar mammary syndrome) on human chromosome 12. The encoded protein may play a role in heart development and specification of limb identity. Mutations in TBX5 have been associated with

Target Details

	Holt-Oram syndrome, a developmental disorder affecting the heart and upper limbs. Several transcript variants encoding different isoforms have been described for TBX5.
Molecular Weight:	58 kDa, 60 kDa, 53 kDa, 39 kDa, 58 kDa
Gene ID:	6910
NCBI Accession:	NP_000183
UniProt:	Q99593

Application Details

Application Notes:	TBX5 antibody can be used for detection of TBX5 by ELISA at 1:62500. TBX5 antibody can be used for detection of TBX5 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 µL 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 TBX5 antibody at -20 °C.



Western Blotting

Image 1.