

Datasheet: VPA00634

BATCH NUMBER 161116

Description:	RABBIT ANTI TBX1
Specificity:	TBX1
Format:	Purified
Product Type:	PrecisionAb Polyclonal
Isotype:	Polyclonal IgG
Quantity:	100 µl

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Western Blotting	■			1/1000

The PrecisionAb label is reserved for antibodies that meet the defined performance criteria within Bio-Rad's ongoing antibody validation programme. Click [here](#) to learn how we validate our PrecisionAb range. Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Further optimization may be required dependent on sample type.

Target Species	Human
Product Form	Purified IgG - liquid
Preparation	Rabbit polyclonal antibody purified by affinity chromatography
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.09% Sodium Azide 2% Sucrose
Immunogen	Synthetic peptide encompassing part of the middle region of human TBX1
External Database Links	UniProt: O43435 Related reagents

Entrez Gene:[6899](#) TBX1 [Related reagents](#)

Specificity **Rabbit anti Human TBX1 antibody** recognizes the T-box transcription factor TBX1, also known as T-box 1 transcription factor C, TGA, CAFS or VCF.

The TBX1 gene is a member of a phylogenetically conserved family of genes sharing a common DNA-binding domain, the T-box. T-box genes encode transcription factors involved in the regulation of developmental processes. TBX1 product shares 98% amino acid sequence identity with the mouse ortholog. DiGeorge syndrome ([DGS](#)) and velocardiofacial syndrome ([VCFS](#)), common congenital disorders characterized by neural-crest-related developmental defects, has been associated with deletions of chromosome 22q11.2, where TBX1 has been mapped. Mouse models of DiGeorge syndrome suggest a major role for TBX1 in the molecular etiology of DGS/VCFS. Several alternatively spliced transcript variants encoding different isoforms have been described for TBX1 (provided by RefSeq, Jul 2008).

Rabbit anti Human TBX1 antibody detects a band of 43 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

Western Blotting Rabbit anti TBX1 detects a band of approximately 43 kDa in MCF7 cell lysates

Storage Store undiluted at -20°C, avoiding repeated freeze thaw cycles.

Guarantee 12 months from date of despatch

Acknowledgements PrecisionAb is a trademark of Bio-Rad Laboratories

Health And Safety Information Material Safety Datasheet documentation #10045 available at: <https://www.bio-rad-antibodies.com/SDS/VPA00634>
Antibody (10045)

Regulatory For research purposes only

Related Products

Recommended Secondary Antibodies

Goat Anti Rabbit IgG (H/L) (STAR208...) [HRP](#)

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