

## Datasheet: VPA00634

<b>Description:</b>	RABBIT ANTI TBX1
<b>Specificity:</b>	TBX1
<b>Format:</b>	Purified
<b>Product Type:</b>	PrecisionAb Polyclonal
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	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](http://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.

<b>Target Species</b>	Human
<b>Product Form</b>	Purified IgG - liquid
<b>Preparation</b>	Rabbit polyclonal antibody purified by affinity chromatography.
<b>Buffer Solution</b>	Phosphate buffered saline.
<b>Preservative Stabilisers</b>	0.09% Sodium Azide 2% Sucrose
<b>Immunogen</b>	Synthetic peptide encompassing part of the middle region of human TBX1

#### External Database Links

##### UniProt:

[O43435](#)

[Related reagents](#)

##### Entrez Gene:

[6899](#)

TBX1

[Related reagents](#)

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**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.

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

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

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**Guarantee**      12 months from date of despatch.

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**Acknowledgements**      PrecisionAb is a trademark of Bio-Rad Laboratories.

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

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**Regulatory**      For research purposes only.

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## Related Products

### Recommended Secondary Antibodies

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

**North & South**      Tel: +1 800 265 7376

**America**      Fax: +1 919 878 3751

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Email: [antibody\\_sales\\_de@bio-rad.com](mailto:antibody_sales_de@bio-rad.com)

To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://www.bio-rad-antibodies.com/datasheets)  
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