

Datasheet: VPA00676

Description:	RABBIT ANTI TGFBI
Specificity:	TGFBI
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	0.01% Thiomersal
Stabilisers	1% Bovine Serum Albumin <50% Glycerol
Immunogen	Recombinant protein encompassing part of the middle region of human TGFBI
External Database Links	UniProt: Q15582 Related reagents Entrez Gene:

Synonyms	BIGH3
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Specificity	<p>Rabbit anti Human TGFBI antibody recognizes the transforming growth factor-beta-induced protein ig-h3, also known as RGD-containing collagen-associated protein (RGD-CAP), beta ig-h3, kerato-epithelin or transforming growth factor, beta-induced 68 kDa.</p> <p>TGFBI gene encodes an RGD-containing protein that binds to type I, II and IV collagens. The RGD motif is found in many extracellular matrix proteins modulating cell adhesion and serves as a ligand recognition sequence for several integrins. This protein plays a role in cell-collagen interactions and may be involved in endochondrial bone formation in cartilage. The protein is induced by transforming growth factor-beta and acts to inhibit cell adhesion. Mutations in TGFBI are associated with multiple types of corneal dystrophy (provided by RefSeq, Jul 2008).</p> <p>Rabbit anti Human TGFBI antibody detects a band of 70 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.</p>
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Western Blotting	Rabbit anti TGFBI detects a band of approximately 70 kDa in HeLa 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 #10096 available at: https://www.bio-rad-antibodies.com/SDS/VPA00676 Antibody (10096)
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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](#)

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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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