

Datasheet: VPA00676

BATCH NUMBER 161118

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:

[7045](#) TGFBI [Related reagents](#)

Synonyms

BIGH3

Specificity

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.

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).

Rabbit anti Human TGFBI antibody detects a band of 70 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

Western Blotting

Rabbit anti TGFBI detects a band of approximately 70 kDa in HeLa 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 #10096 available at: <https://www.bio-rad-antibodies.com/SDS/VPA00676>
Antibody (10096)

Regulatory

For research purposes only

Related Products

Recommended Secondary Antibodies

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

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