

Datasheet: VPA00133

Description:	RABBIT ANTI IGFBP-7
Specificity:	IGFBP-7
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 (NaN ₃).
Immunogen	<i>E. coli</i> derived recombinant human IGFBP-7
External Database Links	<p>UniProt: Q16270 Related reagents</p> <p>Entrez Gene: 3490 IGFBP7 Related reagents</p>

Synonyms	MAC25, PSF
Specificity	<p>Rabbit anti Human IGFBP-7 antibody recognizes the insulin-like growth factor-binding protein 7, also known as IBP-7, IGF-binding protein 7, IGFBP-rP1, MAC25 protein, PGI2-stimulating factor, prostacyclin-stimulating factor, tumor-derived adhesion factor or TAF.</p> <p>Encoded by IGFBP7, insulin-like growth factor-binding protein 7 is a member of the insulin-like growth factor (IGF)-binding protein (IGFBP) family. IGFBPs bind IGFs with high affinity, and regulate IGF availability in body fluids and tissues and modulate IGF binding to its receptors. This protein binds IGF-I and IGF-II with relatively low affinity, and belongs to a subfamily of low-affinity IGFBPs. It also stimulates prostacyclin production and cell adhesion. Alternatively spliced transcript variants encoding different isoforms have been described for IGFBP7, and one variant has been associated with retinal arterial macroaneurysm (PMID:21835307) (provided by RefSeq, Dec 2011).</p> <p>Rabbit anti Human IGFBP-7 antibody detects a band of 29 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.</p>
Western Blotting	Anti IGFBP-7 detects a band of approximately 29 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 #10040 available at: https://www.bio-rad-antibodies.com/SDS/VPA00133 Antibody (10040)
Regulatory	For research purposes only.

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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Printed on 13 Aug 2023