

Datasheet: VPA00059

BATCH NUMBER 166726

Description:	GOAT ANTI GRP94
Specificity:	GRP94
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

Species Cross Reactivity

Reacts with: Mouse, Rat

N.B. Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.

Product Form

Purified IgG - liquid

Preparation

Goat polyclonal antibody purified by affinity chromatography.

Buffer Solution

TRIS buffered saline.

Preservative Stabilisers

0.02% Sodium Azide (NaN₃)
0.5% Bovine Serum Albumin

Approx. Protein Concentrations	IgG concentration 0.5 mg/ml
Immunogen	Peptide with sequence C-KEGVKFDESEKTKE from the internal region of the protein sequence.
External Database Links	<p>UniProt: P14625 Related reagents</p> <p>Entrez Gene: 7184 HSP90B1 Related reagents</p>
Synonyms	GRP94, TRA1
Specificity	<p>Goat anti Human GRP94 antibody recognizes GRP94 a 94 kDa glucose regulated protein (GRP94), also known as tumor rejection antigen 1 (TRA1), heat shock protein 90 kDa beta member 1 (HSP90B1) and endoplasmic reticulum resident molecular chaperone, which is a paralog of cytoplasmic hsp90. GRP94 assists in the folding of membrane-bound proteins including the toll-like receptors, certain subclasses of integrins and some secreted proteins such as IgG.</p> <p>Goat anti Human GRP94 detects GRP94 as a band of 100 kDa in a wide range of human cell line lysates tested. Cross reactivity with rodent cell lines is also observed.</p>
Western Blotting	Goat anti GRP94 detects a band of approximately 100 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 #10058 available at: https://www.bio-rad-antibodies.com/SDS/VPA00059 Antibody (10058)
Regulatory	For research purposes only.

Related Products

Recommended Secondary Antibodies

Donkey Anti Sheep IgG (STAR88...) [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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