

Datasheet: VPA00253

Description:	RABBIT ANTI MNAR
Specificity:	MNAR
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

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

Rabbit polyclonal antibody purified by affinity chromatography.

Buffer Solution

Phosphate buffered saline.

Preservative Stabilisers

0.09% Sodium Azide (NaN₃).

Immunogen

KLH conjugated synthetic peptide between 744-771 amino acids from the central region of human MNAR

External Database Links	UniProt: Q8IZL8 Related reagents Entrez Gene: 27043 PELP1 Related reagents
Synonyms	HMX3, MNAR
Specificity	<p>Rabbit anti Human MNAR antibody recognizes modulator of non-genomic activity of estrogen receptor, otherwise known as proline-, glutamic acid-, and leucine-rich protein-1.</p> <p>A product of the MNAR (PELP1) gene, this protein is a novel steroid co-activator of the estrogen receptor (ER) which plays a role in E2-mediated cell cycle progression through interaction with the pRb pathway. MNAR acts as a transcriptional corepressor for nuclear receptors and can interact with chromatin-modifying complex components CBP (CRE-binding protein), histone deacetylase 2 and MTA (metastasis-associated protein)1. Other properties of MNAR include interaction with PI3K, STAT3, and EGF, and SH2-binding which modulates the interaction of the ER to c-Src, leading to MAPK activation. Deregulation of MNAR occurs in breast tumours and endometrial cancers (Nair and Vadlamudi 2007).</p> <p>Rabbit anti Human MNAR antibody detects a band of 160 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.</p>
Western Blotting	Anti MNAR detects a band of approximately 160 kDa in HEK293 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: Antibody (10040): https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf
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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