

## Datasheet: VPA00253

<b>Description:</b>	RABBIT ANTI MNAR
<b>Specificity:</b>	MNAR
<b>Format:</b>	Purified
<b>Product Type:</b>	PrecisionAb Polyclonal
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	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](http://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.

<b>Target Species</b>	Human
<b>Species Cross Reactivity</b>	<p>Reacts with: Mouse</p> <p><b>N.B.</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.</p>
<b>Product Form</b>	Purified IgG - liquid
<b>Preparation</b>	Rabbit polyclonal antibody purified by affinity chromatography.
<b>Buffer Solution</b>	Phosphate buffered saline.
<b>Preservative Stabilisers</b>	0.09% Sodium Azide (NaN <sub>3</sub> ).
<b>Immunogen</b>	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**

**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.

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](#)).

Rabbit anti Human MNAR antibody detects a band of 160 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

---

**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: <https://www.bio-rad-antibodies.com/SDS/VPA00253>  
Antibody (10040)

---

**Regulatory**

For research purposes only.

---

## Related Products

### Recommended Secondary Antibodies

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

**North & South America**

Tel: +1 800 265 7376

Fax: +1 919 878 3751

Email: [antibody\\_sales\\_us@bio-rad.com](mailto:antibody_sales_us@bio-rad.com)**Worldwide**

Tel: +44 (0)1865 852 700

Fax: +44 (0)1865 852 739

Email: [antibody\\_sales\\_uk@bio-rad.com](mailto:antibody_sales_uk@bio-rad.com)**Europe**

Tel: +49 (0) 89 8090 95 21

Fax: +49 (0) 89 8090 95 50

Email: [antibody\\_sales\\_de@bio-rad.com](mailto:antibody_sales_de@bio-rad.com)

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)

**Printed on 13 Aug 2023**