

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

PrecisionAb antibodies have been extensively [validated for the western blot application](#). The antibody has been validated at the suggested dilution. 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 dependant on sample type.

Target Species	Human
Species Cross Reactivity	Reacts with: Mouse N.B. Antibody reactivity and working conditions may vary between species.
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	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. Studies have shown the deregulation of MNAR in breast tumours and endometrial cancers. 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
Instructions For Use	Please refer to the PrecisionAb western blotting protocol . For additional information on secondary antibody dilution and exposure time see product web page.
Storage	Store undiluted at -20°C, avoiding repeated freeze thaw cycles.
Shelf Life	As supplied, 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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