

Datasheet: 6880-0410

Description:	RABBIT ANTI HUMAN NON-NEURONAL ENOLASE
Specificity:	NON-NEURONAL ENOLASE (ALPHA-ALPHA)
Other names:	NNE
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	1 ml

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
Immunohistology - Frozen	▪			1/25 - 1/100
Immunohistology - Paraffin	▪			1/25 - 1/100
ELISA	▪			
Western Blotting	▪			

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. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using the appropriate negative/positive controls.

Target Species	Human
Product Form	Purified IgG - liquid
Preparation	Purified IgG prepared by affinity chromatography on Protein G
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃)
Approx. Protein	IgG concentration 5mg/ml

Concentrations

Immunogen Native human NNE

External Database Links

UniProt:

[P06733](#)

[Related reagents](#)

Entrez Gene:

[2023](#)

ENO1

[Related reagents](#)

Synonyms ENO1L1, MBPB1, MPB1

RRID AB_620318

Specificity

Rabbit anti Human non-neuronal enolase polyclonal antibody recognises human non-neuronal enolase, also known as alpha enolase or enolase 1. Rabbit anti non-neuronal enolase demonstrates less than 0.1% cross-reactivity with neuron-specific enolase.

Non-neuronal enolase is a glycolytic enzyme composed of homodimeric alpha enolase subunits and is expressed in most human tissues. The gene coding for the 48 kDa form of non-neuronal enolase also codes for a shorter 37 kDa isoform, myc-binding protein 1 (MBP-1) lacking the N-terminal 93 amino acids of non-neuronal enolase.

References

1. Wang, W. *et al.* (2005) Identification of alpha-enolase as a nuclear DNA-binding protein in the zona fasciculata but not the zona reticularis of the human adrenal cortex. [J Endocrinol. 184: 85-94.](#)
2. Prunotto, M. *et al.* (2010) Endocellular polyamine availability modulates epithelial-to-mesenchymal transition and unfolded protein response in MDCK cells. [Lab Invest. 90: 929-39.](#)
3. Kimura, Y. *et al.* (2017) Circulating antibodies to α -enolase and phospholipase A(2) receptor and composition of glomerular deposits in Japanese patients with primary or secondary membranous nephropathy. [Clin Exp Nephrol. 21 \(1\): 117-126.](#)
4. Garcia, A. *et al.* (2014) Immunohistochemical evaluation of the goat forestomach during prenatal development. [J Vet Sci. 15 \(1\): 35-43.](#)

Storage

This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C.

Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.

Guarantee 12 months from date of despatch

Acknowledgements PrecisionAb is a trademark of Bio-Rad Laboratories

Health And Safety Material Safety Datasheet documentation #10040 available at:

Information <https://www.bio-rad-antibodies.com/SDS/6880-0410>
10040

Regulatory For research purposes only

Related Products

Recommended Secondary Antibodies

Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)

Sheep Anti Rabbit IgG (STAR35...) [RPE](#)

Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)

Recommended Useful Reagents

[ANTIGEN RETRIEVAL BUFFER, pH8.0 \(BUF025A\)](#)

[TidyBlot WESTERN BLOT DETECTION REAGENT:HRP \(STAR209P\)](#)

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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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