

Datasheet: 6880-0410

BATCH NUMBER 0414

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	▪			

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 Concentrations	IgG concentration 5mg/ml
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.* (2016) Circulating antibodies to α -enolase and phospholipase A₂ receptor and composition of glomerular deposits in Japanese patients with primary or secondary membranous nephropathy. [Clin Exp Nephrol. Feb 1. \[Epub ahead of print\]](#)
4. Garcia, A. *et al.* (2014) Immunohistochemical evaluation of the goat forestomach during prenatal development. [J Vet Sci. 15 \(1\): 35-43.](#)

Storage

Store at +4°C or at -20°C if preferred.

Storage in frost-free freezers is not recommended.

This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

Guarantee

12 months from date of despatch

Health And Safety Information

Material Safety Datasheet documentation #10040 available at: <https://www.bio-rad-antibodies.com/SDS/6880-0410>
10040

Regulatory

For research purposes only

Related Products

Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (STAR34...) [FITC](#)
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
'M363388:200528'

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