

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	■			

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
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. <i>et al.</i> (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. <i>et al.</i> (2010) Endocellular polyamine availability modulates epithelial-to-mesenchymal transition and unfolded protein response in MDCK cells. Lab Invest. 90: 929-39. 3. Kimura Y <i>et al.</i> (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. <i>et al.</i> (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.
Shelf Life	18 months from date of despatch.
Health And Safety Information	Material Safety Datasheet documentation #10040 available at: 10040: https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (STAR34...)	FITC
Sheep Anti Rabbit IgG (STAR35...)	RPE
Goat Anti Rabbit IgG (H/L) (STAR124...)	HRP
Goat Anti Rabbit IgG (Fc) (STAR121...)	Biotin , FITC , HRP
Sheep Anti Rabbit IgG (2AB02...)	Biotin
Sheep Anti Rabbit IgG (STAR36...)	DyLight®488 , DyLight®549 , DyLight®649 , DyLight®680 , DyLight®800

Recommended Useful Reagents

[ANTIGEN RETRIEVAL BUFFER, pH8.0 \(BUF025A\)](#)
[ANTIGEN RETRIEVAL BUFFER, pH8.0 \(BUF025C\)](#)
[TidyBlot™ WESTERN BLOT DETECTION REAGENT:HRP \(STAR209P\)](#)

'M279042:160115'

North & South America	Tel: +1 800 265 7376 Fax: +1 919 878 3751 Email: 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	Europe	Tel: +49 (0) 89 8090 95 21 Fax: +49 (0) 89 8090 95 50 Email: antibody_sales_de@bio-rad.com
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