

Mouse anti-Human ENOG Monoclonal Antibody | anti-ENOG antibody

ENOG Antibody

CATALOG # AAA290917	HOST Mouse	REACTIVITY Human	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

ENOG; Monoclonal Antibody; ENOG Antibody; Gamma-enolase; 2-phospho-D-glycerate hydro-lyase; Enolase 2; Neural enolase; Neuron-specific enolase; NSE; ENO2; anti-ENOG antibody

PRODUCT SPECIFICATIONS

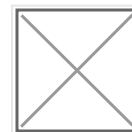
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2b, k
Clone Number	279CT17.1.1
Specificity	This ENOG monoclonal antibody is generated from mouse immunized with ENOG recombinant protein.
Purity/Purification	Purified through a protein G column, followed by dialysis against PBS.
Form/Format	Supplied in PBS with 0.09% (W/V) sodium azide.
Sequence Length	434
Applicable Applications for anti-ENOG antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Antigen Type	Recombinant Protein
Antigen Source	Human
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Dilution: IHC-P - 1:10–50ENOG Antibody immunohistochemistry analysis in formalin fixed and paraffin embedded human pancreas tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of ENOG Antibody for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)

Dilution: WB - 1:1000All lanes: Anti-ENOG at 1:1000 dilution Lane 1: Jurkat whole cell lysate Lane 2: CEM whole cell lysate Lane 3: U-251 MG whole cell lysate Lysates/proteins at 20 ug per lane. Secondary Goat Anti-mouse IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size: 47 kDa Blocking/Dilution buffer: 5% NFDm/TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-ENOG antibody	This gene encodes one of the three enolase isoenzymes found in mammals. This isoenzyme, a homodimer, is found in mature neurons and cells of neuronal origin. A switch from alpha enolase to gamma enolase occurs in neural tissue during development in rats and primates.
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Product Categories/Family for anti-ENOG antibody	Signal Transduction
References	Martins-de-Souza, D., et al. J Psychiatr Res 44(14):989-991(2010). Mukhtarova, S.N. Georgian Med News 181, 49-54 (2010): Planche, V., et al. Ann. Biol. Clin. (Paris) 68(2):239-242(2010). Chaves, M.L., et al. J Neuroinflammation 7, 6 (2010): Wijeyaratne, S.M., et al. Eur J Vasc Endovasc Surg 38(3):262-266(2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	5803011
NCBI GeneID	2026
NCBI Accession #	NP_001966.1
NCBI GenBank Nucleotide #	NM_001975.3
UniProt Accession #	P09104
Molecular Weight	47269 Da
NCBI Official Full Name	gamma-enolase
NCBI Official Synonym Full Names	enolase 2
NCBI Official Symbol	ENO2
NCBI Official Synonym Symbols	NSE; HEL-S-279
NCBI Protein Information	gamma-enolase
UniProt Protein Name	Gamma-enolase
UniProt Gene Name	ENO2
UniProt Synonym Gene Names	NSE
UniProt Entry Name	ENOG_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/enog-antibody-clone-279ct17-1-1-immunohistochemistry-western-blot-elisa/290917>