

Mouse Gamma-enolase Monoclonal Antibody | anti-ENO2/NSE antibody

Mouse anti Human Gamma-enolase(ENO2/NSE) monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA119807	Mouse	Human. Other species are not tested. Please decide the specificity by homology	Immunohistochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

Gamma-enolase; Monoclonal Antibody; Mouse anti Human Gamma-enolase(ENO2/NSE) monoclonal Antibody; 2-phospho-D-glycerate hydro-lyase; Enolase 2; Neural enolase; Neuron-specific enolase; NSE; ENO2; anti-ENO2/NSE antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human. Other species are not tested. Please decide the specificity by homology
Clonality	Monoclonal
Isotype	IgG2a
Specificity	Specific for Human ENO2 denatured and native forms
Purity/Purification	>95%, Protein G Purified
Sequence Length	434
Applicable Applications for anti-ENO2/NSE antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Conjugate	Non-conjugated
Immunogen	Recombinant Human ENO2
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-56384 / sc-21737 / sc-21738 / sc-51880 / sc-71047 / sc-71046 / sc-376375
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical of paraffin-embedded human pancreas using AAA119807 at dilution of 1:200



IHC (Immunohistochemistry)

Immunohistochemical of paraffin-embedded human small intestine using AAA119807 at dilution of 1:200



WB (Western Blot)

All lanes: Mouse anti-human ENO2 monoclonal antibody at 1ug/mlLane 1:Hela cell lysateLane 2:Recombinant Human Gamma-enolase(ENO2) at 10ugLane 3:U251 cell lysateSecondary Goat polyclonal to Mouse IgG at 1/3000 dilutionPredicted band size: 43,48 kDObserved band size: 48 kDAdditional bands at: 100kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-ENO2/NSE antibody	Has neurotrophic and neuroprotective properties on a broad spectrum of central nervous system (CNS) neurons. Binds, in a calcium-dependent manner, to cultured neocortical neurons and promotes cell survival
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NCBI AND UNIPROT INFORMATION

NCBI GI #	5803011
NCBI GeneID	2026
NCBI Accession #	NP_001966.1
NCBI GenBank Nucleotide #	NM_001975.2
UniProt Accession #	P09104; Q96J33; B7Z2X9
Molecular Weight	42,707 Da
NCBI Official Full Name	gamma-enolase
NCBI Official Synonym Full Names	enolase 2 (gamma, neuronal)
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/gamma-enolase-antibody-immunohistochemistry-western-blot-elisa/119807>