

Rabbit anti-Human ENO2 Monoclonal Antibody | anti-ENO2 antibody

ENO2 Rabbit mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA282677	Rabbit	Human	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

ENO2; Monoclonal Antibody; ENO2 Rabbit mAb; NSE; HEL-S-279; anti-ENO2 antibody

PRODUCT SPECIFICATIONS

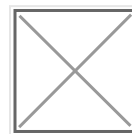
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	LELRDGDQQR YLGKGVKAV DHINSTIAPA LISSGLSVVE QEKLNDNMLE LDGTENKSKF GANA
Applicable Applications for anti-ENO2 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Cross Reactivity	Human, Mouse, Rat
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 47-100 of human ENO2 (NP_001966.1).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



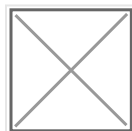
ICC (Immunocytochemistry)

Confocal imaging of Neuro-2a cells using ENO2 Rabbit mAb (AAA282677, dilution 1:100)(Red). The cells were counterstained with γ -Tubulin Mouse mAb (AC012, dilution 1:400) (Green). DAPI was used for nuclear staining (blue). Objective: 100x.



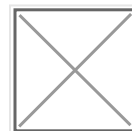
IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Rat brain tissue using ENO2 Rabbit mAb (AAA282677) at a dilution of 1:2000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Human pancreas tissue using ENO2 Rabbit mAb (AAA282677) at a dilution of 1:2000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Mouse brain tissue using ENO2 Rabbit mAb (AAA282677) at a dilution of 1:2000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



WB (Western Blot)

Western blot analysis of various lysates using ENO2 Rabbit mAb (AAA282677) at 1:10000 dilution incubated overnight at 4?. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25 ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Negative control (NC): U-937 Exposure time: 15s.

ADDITIONAL INFORMATION

Related Product Information for anti-ENO2 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.
Product Categories/Family for anti-ENO2 antibody	Cancer; Tumor biomarkers; Cell Biology Developmental Biology; Endocrine Metabolism; Carbohydrate metabolism; Neuroscience; Cell Type Marker; Stem Cells; Neuron marker; Antibodies

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
Molecular Weight	Calculated MW: 47kDa Observed MW: 47kDa
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/eno2-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/282677>