Mouse Enolase-2 Monoclonal Antibody | anti-ENO2 antibody

Anti-Enolase-2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA290874	**Mouse**	**Human, Mouse, Rat**	**ELISA, Western Blot**

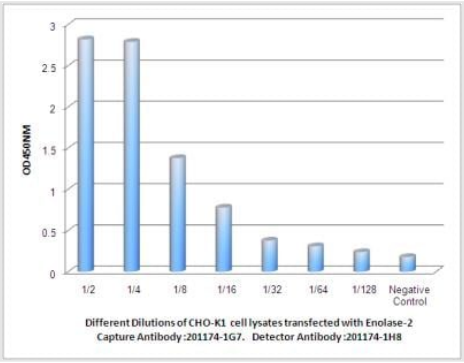
PRODUCT SYNONYMS

Enolase-2; Monoclonal Antibody; Anti-Enolase-2 Antibody; 2 phospho D glycerate hydrolyase; 2-phospho-D-glycerate hydro-lyase; Eno 2; ENO2; ENOG; ENOG_HUMAN; Enolase 2 (gamma; neuronal); Enolase 2; Enolase 2 gamma neuronal; Enolase2; Epididymis secretory protein Li 279; Gamma enolase; Gamma-enolase; HEL S 279; Neural enolase; Neuron specific enolase; Neuron specific gamma enolase; Neuron-specific enolase; Neurone specific enolase; NSE; anti-ENO2 antibody

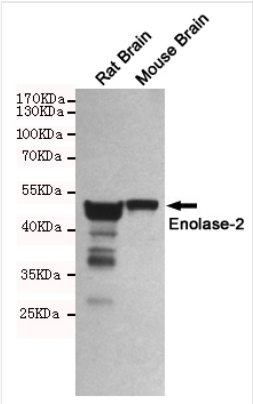
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	lgG1
Form/Format	Purified mouse monoclonal antibody in PBS (pH 7.4) containing with 0.03% Proclin300.
Sequence Length	434
Applicable Applications for anti-ENO2 antibody	ELISA, WB (Western Blot)
Cellular Location	Cytoplasm. Cell membrane. Note=Can translocate to the plasma membrane in either the homodimeric (alpha/alpha) or heterodimeric (alpha/gamma) form.
Tissue Location	The alpha/alpha homodimer is expressed in embryo and in most adult tissues. The alpha/beta heterodimer and the beta/beta homodimer are found in striated muscle, and the alpha/gamma heterodimer and the gamma/gamma homodimer in neurons
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt

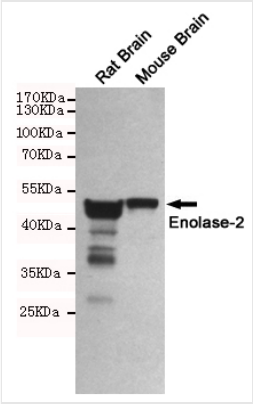
IMAGES



ELISA
Observed Enolase-2 levels in CHO-K1 cell lysates transfected with Enolase-2 at different dilution.



WB (Western Blot)
Western blot detection of Enolase-2 in Rat Brain and Mouse Brain lysates using Enolase-2 mouse mAb (1:1000 diluted).Predicted band size:47KDa.Observed band size:47KDa.



WB (Western Blot)
Western blot detection of Enolase-2 in SHSY-5Y and U87-MG cell lysates using Enolase-2 mouse mAb (1:1000 diluted).Predicted band size:47KDa.Observed band size:47KDa.

ADDITIONAL INFORMATION

Related Product Information for anti-ENO2 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 (By similarity).

NCBI AND UNIPROT INFORMATION

NCBI GI #	5803011
NCBI GeneID	2026
NCBI Accession #	NP_001966.1
NCBI GenBank Nucleotide #	NM_001975
UniProt Accession #	P09104; Q96J33; B7Z2X9
Molecular Weight	47kDa
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

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/enolase-2-antibody-western-blot-elisa/290874