

Rabbit Enolase, Neuron Specific (NSE) Polyclonal Antibody | anti-NSE antibody

Polyclonal Antibody to Enolase, Neuron Specific (NSE)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA133704	Rabbit	Human, Mouse, Rat	Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry

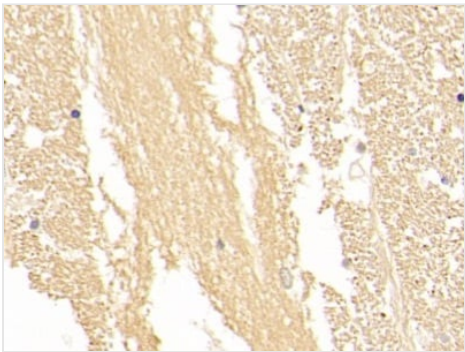
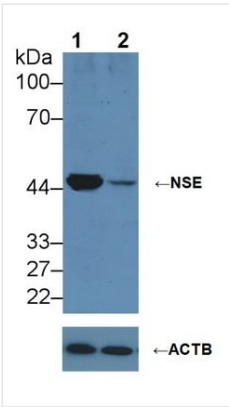
PRODUCT SYNONYMS

Enolase; Neuron Specific (NSE); Polyclonal Antibody; Polyclonal Antibody to Enolase; anti-NSE antibody

PRODUCT SPECIFICATIONS

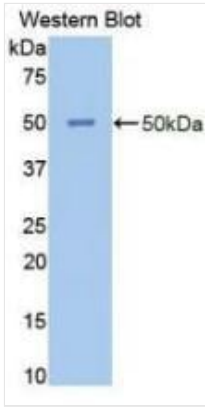
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against NSE. It has been selected for its ability to recognize NSE in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4, containing 0.02% Na ₃ N, 50% glycerol.
Concentration	0.26mg/ml (varies by lot)
Sequence	Antigen: The target protein is fused with N-terminal His-Tag and its sequence is listed below. MG HHHHHHSGSE F-MSIEKIWA REILDSRGNP TVEVDLYTAK GLFRAAVPSG ASTGIYEAL LRDGDKQRYL GKGVLKAVDH INSTIAPALI SSGLSVVEQE KLDNLMLELD GTENKSKFGA NAILGVSLAV CKAGAAEREL PLYRHIAQLA GNSDLILPVP AFNVINGGSH AGNKLAMQEF MILPVGAESE RDAMRLGAEV YHTLKGVKID KYGKDATNVG DEGGFAPNIL ENSEALELVK EADKAGYTE KIVIGMDVAA SEFYRDGKYD LDFKSPTDPS RYITGDQLGA LYQDFVRDYP VVSIEDPFDQ DDWAAWSKFT ANVGIIQVGD DLTVTNPKRI ERAVEEKACN CLLLKVNQIG SVTEAIQACK LAQENGWGV M VSHRSGETED TFIADLVVGL CTGQIKTGAP CRSERLAKYN QLMRIEELG DEARFAGHNF RNPSVL
Applicable Applications for anti-NSE antibody	WB (Western Blot), ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry)
Immunogen	Recombinant NSE (Met1-Leu434) expressed in E.coli.
Cross Reactivity	Human, Mouse, Rat
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES

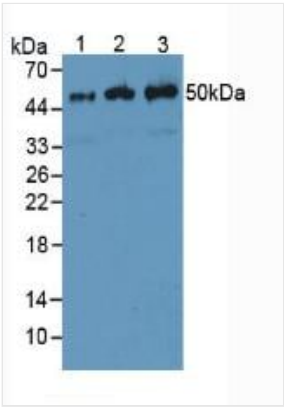


IHC (Immunohistochemistry)
DAB staining on IHC-P; Samples: Human Liver Tissue

Knockout Validation
Knockout Validation: Lane 1: Wild-type HepG2 cell lysate;;Lane 2: NSE knockout HepG2 cell lysate;;Predicted MW: 43,48kDa ;Observed MW: 50kDa;Primary Ab: 2ug/ml Rabbit Anti-Human NSE Antibody;Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody;



WB (Western Blot)
Western Blot: Sample: Recombinant NSE, Human.



WB (Western Blot)
Western Blot: Sample. Lane1: Mouse Muscle Tissue; Lane2: Human MCF7 Cells; Lane3: Human A549 Cells.

ADDITIONAL INFORMATION

Product Categories/Family for anti-NSE antibody	Knock-Out Validation Antibody
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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
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/polyclonal/enolase-neuron-specific-nse-antibody-western-blot-immunohistochemistry-immunocytochemistry-elisa/133704>