

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

Polyclonal Antibody to Enolase, Neuron Specific (NSE)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA132240	Rabbit	Rat, Human, Mouse	Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry

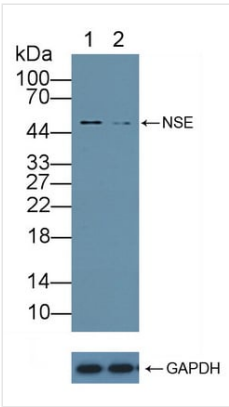
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

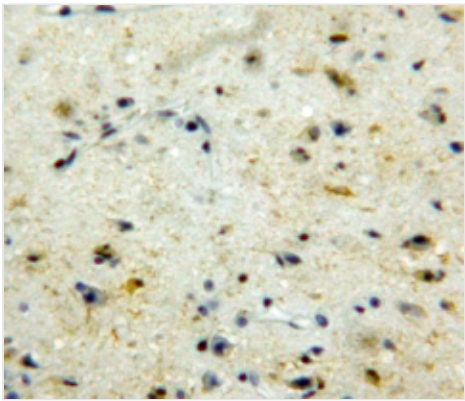
Host	Rabbit
Reactivity	Rat, Human, Mouse
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against NSE. It has been selected for its ability to recognize NSE in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4, containing 0.02% Na ₃ N, 50% glycerol.
Concentration	0.2mg/ml (varies by lot)
Sequence	Antigen: The target protein is fused with a His-tag and its sequence is listed below. M GHHHHHSGS EF-SIQKIWA REILDSRGNP TVEVDLHTAK GLFRAAVPSG ASTGIYEAL LRDGDKQRYL GKGV LKAVDH INSTIAPALI SSGLSVVEQE KLDNLMLELD GTENKSKFGA NAILGVSLAV CKAGAAEKDL PLYRHIAQLA GNSDLILPVP AFNVINGGSH AGNKLAMQEF MILPVGAESE RDAMRLGAEV YHTLKGVKID KYGKDATNVG DEGGFAPNIL ENSEALELVK EADKAGYTE KLVIGMDVAA SEFYRDGKYD LDFKSPADPS RCITGDQLGA LYQDFVRNYP VVSIEDPFDQ DDWAAWSKFT ANVGIVGD DLTVTNPKRI ERAVEEKACN CLLLKVNQIG SVTEAIQACK LAQENGWGV M VSHRSGETED TFIADLVVGL CTGQIKTGAP CRSERLAKYN QLMRIEELG EEARFAGHNF RNPSVL
Applicable Applications for anti-NSE antibody	WB (Western Blot), ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry)
Immunogen	Recombinant NSE (Ser2~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



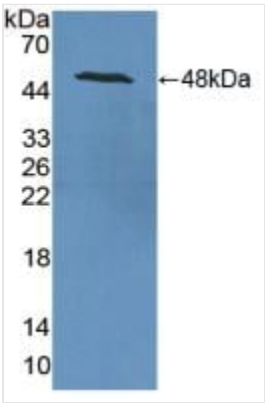
Knockout Validation

Knockout Validation: Lane 1: Wild-type HepG2 cell lysate; Lane 2: NSE knockout HepG2 cell lysate; Predicted MW: 47kd Observed MW: 52kd Primary Ab: 1ug/ml Rabbit Anti-Rat NSE Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody



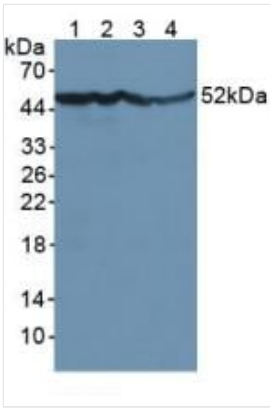
IHC (Immunohistochemisry)

DAB staining on fromalin fixed paraffin-embedded brain tissue



WB (Western Blot)

Western Blot: Sample: Recombinant NSE, Rat.



WB (Western Blot)

Western Blot: Sample: Lane1: Rat Brain Tissue; Lane2: Mouse Brain Tissue; Lane3: Human HepG2 Cells; Lane4: Human Hela Cells.

ADDITIONAL INFORMATION

Product Categories/Family for anti-NSE antibody	Knock-Out Validation Antibody
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NCBI AND UNIPROT INFORMATION

NCBI GI #	26023949
NCBI GeneID	24334
NCBI Accession #	NP_647541.1
NCBI GenBank Nucleotide #	NM_139325.4
UniProt Accession #	P07323
Molecular Weight	47,141 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; RNEN3

NCBI Protein Information	gamma-enolase
UniProt Protein Name	Gamma-enolase
UniProt Gene Name	Eno2
UniProt Synonym Gene Names	Eno-2; 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/132240>