

Rabbit anti-Human NSE Polyclonal Antibody | anti-NSE antibody

NSE Antibody

CATALOG # AAA301608	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunofluorescence, Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

NSE; Polyclonal Antibody; NSE Antibody; 2-phospho-D-glycerate hydro-lyase; ENOG; Enolase 2; Gamma enolase; Neural enolase; anti-NSE antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total NSE protein.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	434
Applicable Applications for anti-NSE antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from human NSE.
Target Name	NSE
Preparation and Storage	Store at -20 degree C

IMAGES



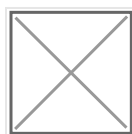
WB (Western Blot)

Western blot analysis of extracts from HeLa cells (Lane 2), colo cells (Lane 3) ~HepG2 cells (Lane 4) and 293 cells (Lane 5), using NSE antibody. The lane on the left is treated with synthesized peptide.



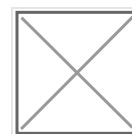
WB (Western Blot)

Western blot analysis of extracts from HepG2 cells, using NSE antibody.



IF (Immunofluorescence)

Immunofluorescence analysis of A549 cells, using NSE antibody.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human brain tissue using NSE antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-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 By similarity. HAMAP-Rule MF_00318RH Stead, J. Neurosci., Dec 1991; 11: 3809.A. Koenig, Vet. Pathol., Jul 2001; 38: 427. Samrad Mehrabi, Chest Meeting Abstracts, Oct 2005; 128: 358S. G Paone, Eur. Respir. J., Jul 1995; 8: 1136 - 1140.
Product Categories/Family for anti-NSE antibody	Total protein Ab

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/nse-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/301608>