

Rabbit NSE Polyclonal Antibody | anti-ENO2 antibody

NSE Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284922	Rabbit	Human, mouse, rat	Immunohistochemistry, Immunofluorescence, ELISA, Western Blot

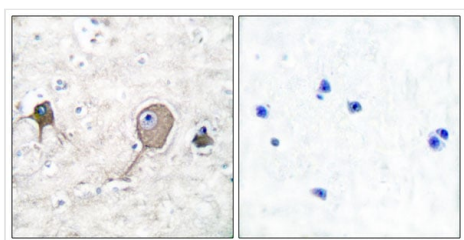
PRODUCT SYNONYMS

NSE; Polyclonal Antibody; NSE Antibody; Gamma-enolase; 2-phospho-D-glycerate hydro-lyase; Enolase 2; Neural enolase; Neuron-specific enolase; ENO2; anti-ENO2 antibody

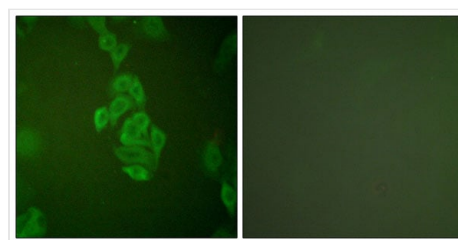
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse, rat
Clonality	Polyclonal
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
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.
Sequence Positions	392-425
Sequence Length	391
Applicable Applications for anti-ENO2 antibody	IHC (Immunohistochemistry), IF (Immunofluorescence), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

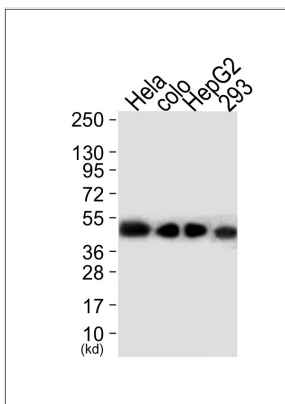
IMAGES


IHC (Immunohistochemistry)

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

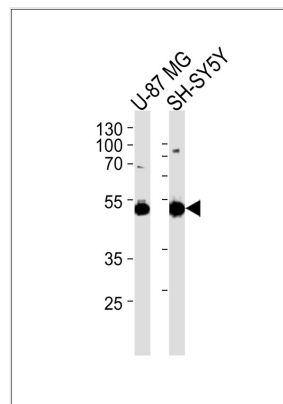

IF (Immunofluorescence)

Immunofluorescence analysis of A549 cells, using NSE antibody.



WB (Western Blot)

Western blot analysis of extracts from HeLa cells (Lane 1), colo cells (Lane 2), HepG2 cells (Lane 3) and 293 cells (Lane 4), using NSE Antibody. The lane on the left is treated with synthesized peptide.



WB (Western Blot)

Western blot analysis of lysates from U-87 MG, SH-SY5Y cell line (from left to right), using NSE Antibody (C0280). C0280 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L (HRP) at 1:5000 dilution was used as the secondary antibody. Lysates at 35ug per lane.

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).
Product Categories/Family for anti-ENO2 antibody	Cancer ; Developmental biology ; Metabolism ; Signal transduction
References	McAleese S.M., et al. Eur. J. Biochem. 178:413-417(1988). van Obberghen E., et al. J. Neurosci. Res. 19:450-456(1988). Oliva D., et al. Gene 79:355-360(1989). Oliva D., et al. Genomics 10:157-165(1991). Ansari-Lari M.A., et al. Genome Res. 7:268-280(1997).

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	47269
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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/nse-antibody-immunohistochemistry-immunofluorescence-western-blot-elisa/284922>