

Rabbit NSE Polyclonal Antibody | anti-ENO2 antibody

NSE Antibody (Y25)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289743	Rabbit	Human, mouse (Predicted Reactivity: Rat)	Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

NSE; Polyclonal Antibody; NSE Antibody (Y25); Gamma-enolase; 2-phospho-D-glycerate hydro-lyase; Enolase 2; Neural enolase; Neuron-specific enolase; ENO2; anti-ENO2 antibody

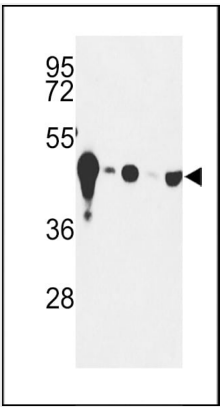
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse (Predicted Reactivity: Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This NSE antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 6-32 amino acids from human NSE.
Purity/Purification	Peptide Affnity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.28 (varies by lot)
Sequence Positions	6-32
Sequence Length	434
Applicable Applications for anti-ENO2 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
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 (Immunohiostchemistry)
NSE Antibody (Y25) immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of NSE Antibody (Y25) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of NSE-Y25 Antibody in mouse cerebellum tissue and Y79, HepG2, Jurkat, CEM cell line lysates (35ug/lane). NSE (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-ENO2 antibody	NSE is one of the three enolase isoenzymes found in mammals. This isoenzyme, a homodimer, is found in mature neurons and cells of neuronal origin. A switch from alpha enolase to gamma enolase occurs in neural tissue during development in rats and primates.
Product Categories/Family for anti-ENO2 antibody	Cancer; Developmental biology; Metabolism; Signal transduction
References	Kotaska,K., Neuro Endocrinol. Lett. 28 (6), 761-764 (2007) Forooghian,F., J. Clin. Immunol. 27 (4), 388-396 (2007) Rech,T.H., Crit Care 10 (5), R133 (2006) Oliva,D., Genomics 10 (1), 157-165 (1991)

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/nse-antibody-immunohistochemistry-western-blot-elisa/289743>