

Mouse NSE Monoclonal Antibody | anti-NSE antibody

NSE (PT2281) Antibody

CATALOG # AAA30907	HOST Mouse	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot, Immunofluorescence, ELISA
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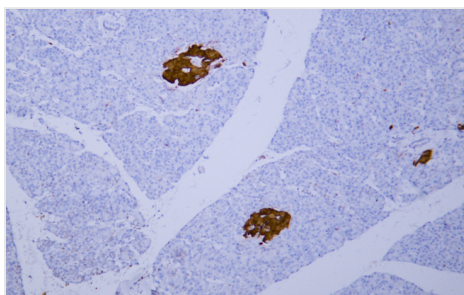
PRODUCT SYNONYMS

NSE; Monoclonal Antibody; NSE (PT2281) Antibody; Neuron-Specific Enolase(NSE); 2-phospho-D-glycerate hydroxymethyltransferase; 2-phospho-D-glycerate hydroxymethyltransferase; ENO2; ENOG; ENOG_HUMAN; Enolase 2 (gamma; neuronal); Enolase 2; Enolase 2 gamma neuronal; Enolase 2; Epididymis secretory protein Li 279; Gamma-enolase; Gamma-enolase; HEL-S-279; Neural enolase; Neuron specific enolase; Neuron specific gamma enolase; Neuron-specific enolase; neuronal enriched enolase; Neurone specific enolase; NSE; anti-NSE antibody

PRODUCT SPECIFICATIONS

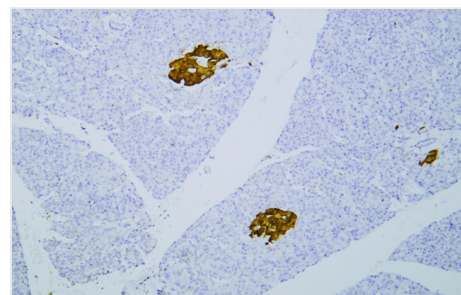
Host	Mouse
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	Mouse IgG1, kappa
Clone Number	PT2281
Specificity	The antibody can specifically recognize human NSE protein. In western blotting of PC-12 cell lysate, the antibody can label a 47 kDa band corresponding to NSE.
Purity/Purification	Protein G
Form/Format	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Applicable Applications for anti-NSE antibody	IHC (Immunohistochemistry), WB (Western Blot), IF (Immunofluorescence), ELISA
Application Notes	IHC: 1:200-1000 WB: 1:500-2000 IF: 1:100-500 ELISA: 1:1000-5000
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



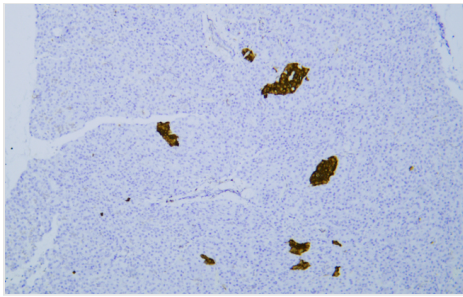
IHC (Immunohistochemistry)

Human pancreas tissue was stained with Anti-Neuron-Specific Enolase (ABT209) Antibody



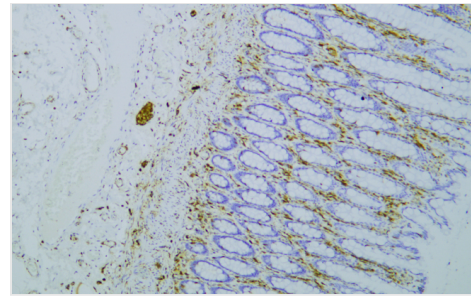
IHC (Immunohistochemistry)

Human pancreas tissue was stained with Anti-NSE (PT2281) Antibody



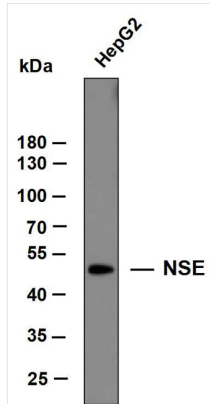
IHC (Immunohistochemistry)

Human pancreas tissue was stained with Anti-NSE (PT2281) Antibody



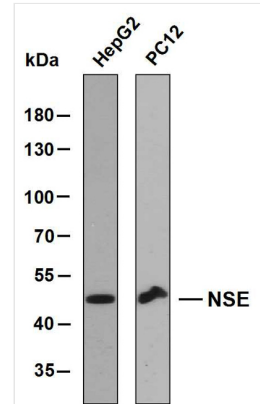
IHC (Immunohistochemistry)

Human colon tissue was stained with Anti-NSE (PT2281) Antibody



SDS-PAGE

Whole cell lysates of HepG2 were separated by 10% SDS-PAGE, and the membrane was blotted with anti-NSE antibody. The HRP-conjugated anti-Mouse IgG antibody was used to detect the antibody.



SDS-PAGE

Various whole cell lysates were separated by 8% SDS-PAGE, and the membrane was blotted with anti-NSE antibody. The HRP-conjugated anti-Mouse IgG antibody was used to detect the antibody.

ADDITIONAL INFORMATION

Product Categories/Family for anti-NSE antibody

[Primary Antibodies](#)

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
Molecular Weight	47,269 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
NCBI Protein Information	gamma-enolase; neural enolase; neuron-specific enolase; neurone-specific enolase; neuron specific gamma enolase; 2-phospho-D-glycerate hydrolyase; 2-phospho-D-glycerate hydro-lyase
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/monoclonal/nse-antibody-clone-pt2281-immunohistochemistry-western-blot-immunofluorescence-elisa/30907>