

Datasheet for ABIN7431950
anti-ENO2/NSE antibody (AA 1-434)



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3 Images

Overview

Quantity:	100 µL
Target:	ENO2/NSE (ENO2)
Binding Specificity:	AA 1-434
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ENO2/NSE antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Purpose:	Polyclonal Antibody to Enolase, Neuron Specific (NSE)
Immunogen:	Recombinant Enolase, Neuron Specific (NSE) corresponding to Met1~Leu434 with N-terminal His Tag
Isotype:	IgG
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.
Cross-Reactivity:	Mouse, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

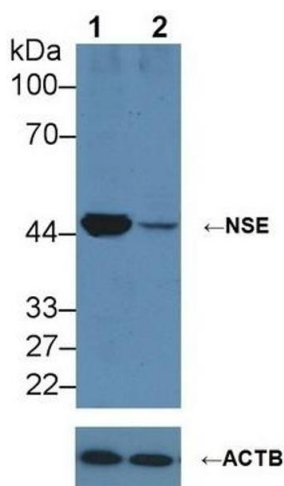
Target:	ENO2/NSE (ENO2)
Alternative Name:	Enolase, Neuron Specific
Background:	ENO2, Enolase 2, Gamma Enolase, 2-phospho-D-glycerate hydro-lyase, Neural enolase
UniProt:	P09104

Application Details

Application Notes:	Western blotting: 0.01-2 µg/mL, Immunohistochemistry: 5-20 µg/mL, Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

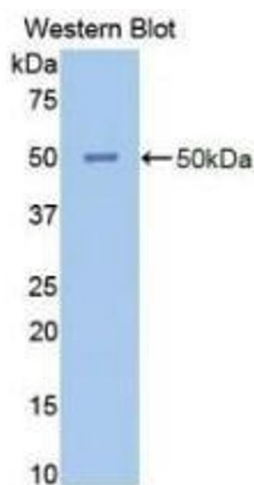
Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



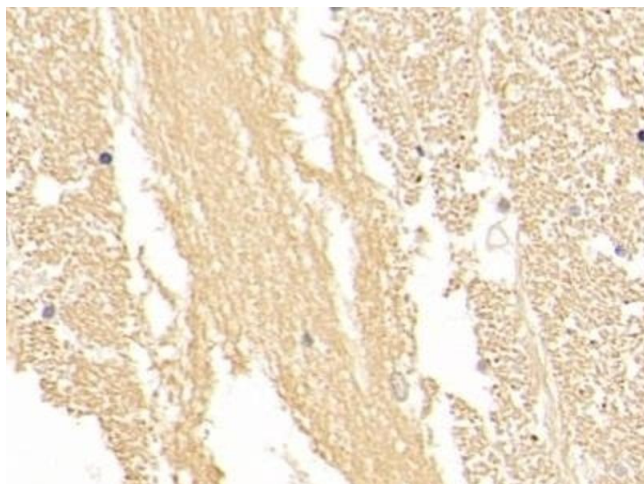
Western Blotting

Image 1. Knockout Varification; Lane 1: Wild-type HepG2 cell lysate, Lane 2: NSE knockout HepG2 cell lysate, Predicted MW: 43,48 kDa ,Observed MW: 50 kDa, Primary Ab: 2 µg/mL Rabbit Anti-Human NSE Antibody, Second Ab: 0.2 µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody, (ABIN6950948)



Western Blotting

Image 2. Detection of Recombinant NSE, Human using Polyclonal Antibody to Enolase, Neuron Specific (NSE)



Immunohistochemistry

Image 3. Detection of NSE in Human Cerebrum Tissue using Polyclonal Antibody to Enolase, Neuron Specific (NSE)