Datasheet for ABIN389272

anti-ENO2/NSE antibody (AA 6-32)

3 Images

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Overview

Quantity:	400 µL
Target:	ENO2/NSE (ENO2)
Binding Specificity:	AA 6-32
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ENO2/NSE antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This NSE antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 6-32 amino acids from human NSE.
Clone:	RB16580
Isotype:	Ig Fraction
Predicted Reactivity:	Rat
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	ENO2/NSE (ENO2)
Alternative Name:	NSE (ENO2 Products)

Target Details

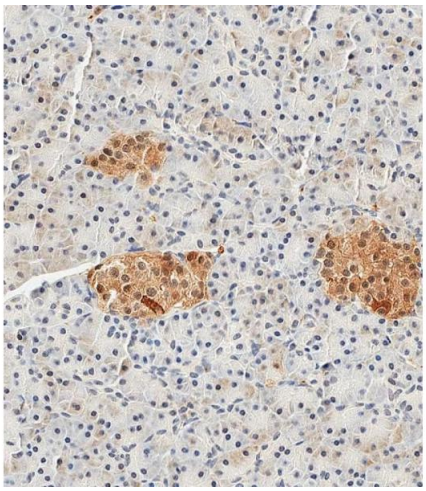
Background:	NSE is one of the three enolase isoenzymes found in mammals. This isoenzyme, a homodimer, is found in mature neurons and cells of neuronal origin. A switch from alpha enolase to gamma enolase occurs in neural tissue during development in rats and primates.
Molecular Weight:	47269
Gene ID:	2026
NCBI Accession:	NP_001966
UniProt:	P09104

Application Details

Application Notes:	WB: 1:4000. IHC-P-Leica: 1:500. IHC-P-Leica: 1:500
Restrictions:	For Research Use only

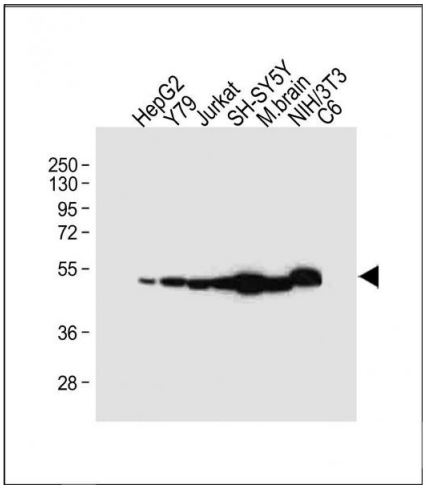
Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



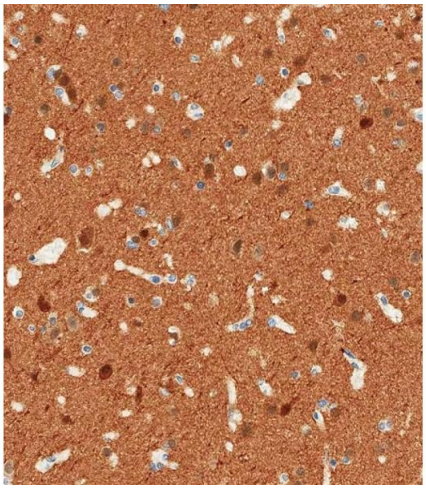
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemical analysis of paraffin-embedded Human pancreas tissue using (ABIN389272 and ABIN2839405) performed on the Leica® BOND RXm. Tissue was fixed with formaldehyde at room temperature, antigen retrieval was by heat mediation with a EDTA buffer (pH 9. 0). Samples were incubated with primary Antibody (1:500) for 1 hours at room temperature. A undiluted biotinylated CRF Anti-Polyvalent HRP Polymer antibody was used as the secondary antibody.



Western Blotting

Image 2. All lanes : Anti-NSE Antibody (Y25) at 1:4000 dilution Lane 1: HepG2 whole cell lysate Lane 2: Y79 whole cell lysate Lane 3: Jurkat whole cell lysate Lane 4: SH-SY5Y whole cell lysate Lane 5: Mouse brain tissue lysate Lane 6: NIH/3T3 whole cell lysate Lane 7: C6 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 47 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Immunohistochemical analysis of paraffin-embedded Human brain tissue using (ABIN389272 and ABIN2839405) performed on the Leica® BOND RXm. Tissue was fixed with formaldehyde at room temperature, antigen retrieval was by heat mediation with a EDTA buffer (pH 9. 0). Samples were incubated with primary Antibody (1:500) for 1 hours at room temperature. A undiluted biotinylated CRF Anti-Polyvalent HRP Polymer antibody was used as the secondary antibody.