

Datasheet for ABIN7477539
anti-ENO2/NSE antibody (AA 416-433)



[Go to Product page](#)

3 Images

Overview

Quantity:	1 mL
Target:	ENO2/NSE (ENO2)
Binding Specificity:	AA 416-433
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This ENO2/NSE antibody is un-conjugated
Application:	Immunohistochemistry (IHC)

Product Details

Immunogen:	A synthetic peptide of human NSE gamma (around aa416-433) (exact sequence is proprietary)
Clone:	MSVA-451M
Isotype:	IgG

Target Details

Target:	ENO2/NSE (ENO2)
Alternative Name:	NSE gamma (ENO2 Products)
Background:	ENO2, ENOG, Enolase 2 gamma neuronal, Enolase2, Gamma-enolase, Neural enolase, Neuron specific gamma enolase, Neuron-specific enolase, NSE , -phospho-D-glycerate hydrolyase,NSE gamma antibody validated for immunohistochemistry on 76 different Normal Tissues

Target Details

UniProt: [P09104](#)

Application Details

Application Notes: IHC 1:100-1:200

Comment: Positive Control: In the colon, axons and ganglion cells in lamina propria and muscular wall must show at least a moderate NSE staining, while epithelial and lymphatic cells remain negative.

Negative Control: In the colon, epithelial and lymphatic cells do not show NSE staining.

Protocol: Manual Protocol: Freshly cut sections should be used (less than 10 days between cutting and staining). Heat-induced antigen retrieval for 5 minutes in an autoclave at 121 °C in pH 7,8 Target Retrieval Solution buffer. Apply the antibody at a dilution of 1:150 at 37 °C for 60 minutes. Visualization of bound antibody by the EnVision Kit (Dako, Agilent) according to the manufacturer's directions.

Restrictions: For Research Use only

Handling

Format: Liquid

Storage: 4 °C, -20 °C, -80 °C

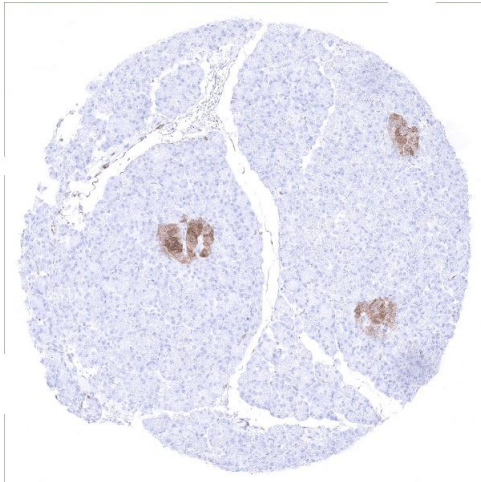
Storage Comment: Antibody with azide - store at 2 to 8 °C. Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non- hazardous.

Images



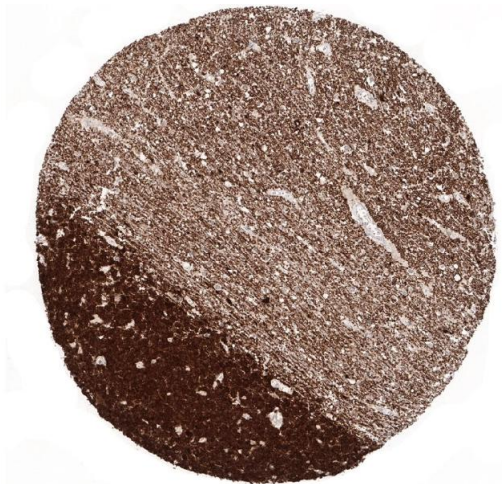
Immunohistochemistry

Image 1. Strong NSE immunostaining in an adrenal pheochromocytoma



Immunohistochemistry

Image 2. Positive NSE immunostaining of islets of Langerhans



Immunohistochemistry

Image 3. A strong NSE immunostaining is seen in the granule cell layer and in the fibres of the white matter of the cerebellum