

Rabbit anti-Human NSE/ENO2 Polyclonal Antibody | anti-ENO2 antibody

Anti-NSE/ENO2 Antibody, Rabbit Polyclonal

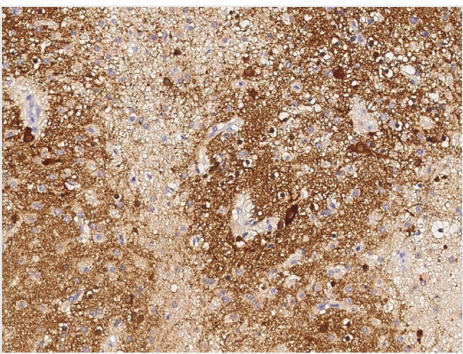
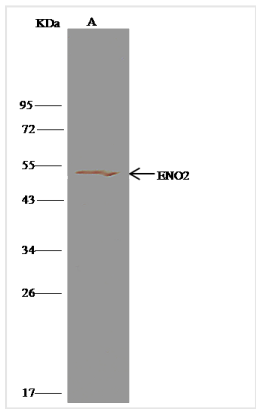
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA257533	Rabbit	Human	Immunoprecipitation, Immunohistochemistry

PRODUCT SYNONYMS

NSE/ENO2; Polyclonal Antibody; Anti-NSE/ENO2 Antibody; Rabbit Polyclonal; ENO2 Antibody; Rabbit PAb; Antigen Affinity Purified; Anti-HEL-S-279 Antibody; Anti-NSE Antibody; enolase 2 (gamma; neuronal); anti-ENO2 antibody

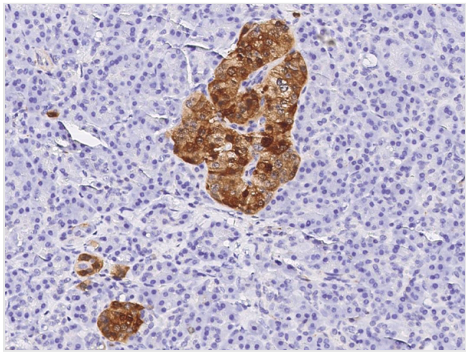
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human ENO2
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid. 0.2um filtered solution in PBS
Applicable Applications for anti-ENO2 antibody	IP (Immunoprecipitation), IHC (Immunohistochemistry)
Immunogen	Recombinant Human ENO2 Protein
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with purified, recombinant Human ENO2 (rh ENO2; P09104; Met1-Leu434). ENO2 specific IgG was purified by Human ENO2 affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles. This antibody is shipped as liquid solution at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.



IHC (Immunohistochemistry)
Immunochemical staining of human ENO2 in human brain with rabbit polyclonal antibody (1:20000, formalin-fixed paraffin embedded sections).

IP (Immunoprecipitation)
ENO2 was immunoprecipitated using: Lane A: 0.5 mg HeLa Whole Cell Lysate 4 uL anti-ENO2 rabbit polyclonal antibody and 15 uL of 50 % Protein G agarose. Primary antibody: Anti-ENO2 rabbit polyclonal antibody, at 1:100 dilution. Secondary antibody: Clean-Blot[™] IP Detection Reagent (HRP) at 1:500 dilution. Developed using the DAB staining technique. Performed under reducing conditions. Predicted band size: 47 kDa. Observed band size: 47 kDa.



IHC (Immunohistochemistry)
Immunochemical staining of human ENO2 in human pancreas with rabbit polyclonal antibody (1:20000, formalin-fixed paraffin embedded sections).

ADDITIONAL INFORMATION

Related Product Information for anti-ENO2 antibody	Background: The combination of silencing ENO2 and 2-deoxyglucose (2-DG) synergistically inhibited leukemia cell survival. ENO2 may be a biological marker for monitoring chemotherapeutic efficacy and relapse in ALL. Reduced ENO2 expression may be a biomarker for a subset of autistic children. Neuron specific enolase (ENO2, gamma-enolase) has been used as a biomarker to help identify neuroendocrine differentiation in breast cancer.
References	Pechumer H, et al. (1994) Detection of neuron-specific gamma-enolase messenger ribonucleic acid in normal human leukocytes by polymerase chain reaction amplification with nested primers. Lab Invest. 69 (6): 743-9. Craig SP, et al. (1991) Localisation of neurone-specific enolase (ENO2) to 12p13. Cytogenet Cell Genet. 54 (1-2): 71-3. Muley T, et al. (2003) Technical performance and diagnostic utility of the new Elecsys neuron-specific enolase enzyme immunoassay. Clin Chem Lab Med. 41 (1): 95-103.

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.