Datasheet for ABIN7143869

anti-ENO1 antibody (AA 2-434)

9 Images

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Overview

Quantity:	100 µL
Target:	ENO1
Binding Specificity:	AA 2-434
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This ENO1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF), Immunoprecipitation (IP), Flow Cytometry (FACS)

Product Details

Immunogen:	Recombinant Human Alpha-enolase protein (2-434AA)
Clone:	8H9G12
Isotype:	IgG1, IgG1 kappa
Cross-Reactivity:	Human, Mouse, Rabbit, Rat
Purification:	Protein G purified

Target Details

Target:	ENO1
Alternative Name:	ENO1 (ENO1 Products)

Target Details

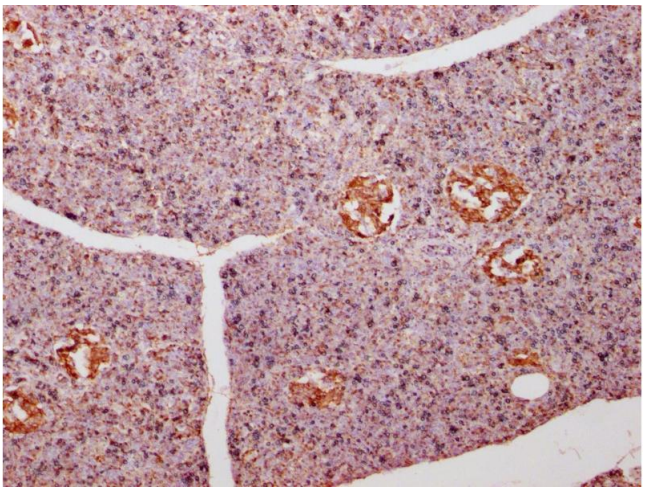
Background:	Background: ENO1 encodes one of three enolase isoenzymes found in mammals, it encodes alpha-enolase, a homodimeric soluble enzyme, and also encodes a shorter monomeric structural lens protein, tau-crystallin. The two proteins are made from the same message. The full length protein, the isoenzyme, is found in the cytoplasm. The shorter protein is produced from an alternative translation start, is localized to the nucleus, and has been found to bind to an element in the c-myc promoter. A pseudogene has been identified that is located on the other arm of the same chromosome. Aliases: Alpha-enolase (2-phospho-D-glycerate hydro-lyase) (C-myc promoter-binding protein) (Enolase 1) (MBP-1) (MPB-1) (Non-neural enolase) (NNE) (Phosphopyruvate hydratase) (Plasminogen-binding protein), ENO1, ENO1L1, MBPB1, MPB1
UniProt:	P06733

Application Details

Application Notes:	Recommended dilution: WB: 1:5000-1:320000, IHC:1:200-1:500, IF:1:50-1:200, FC:1:100-1:300, IP:1 μL-4 μL,
Restrictions:	For Research Use only

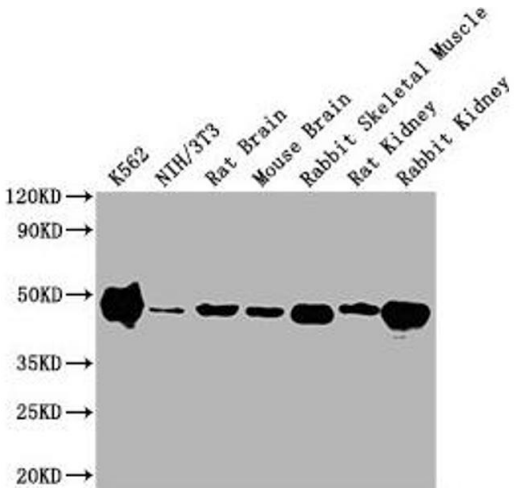
Handling

Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



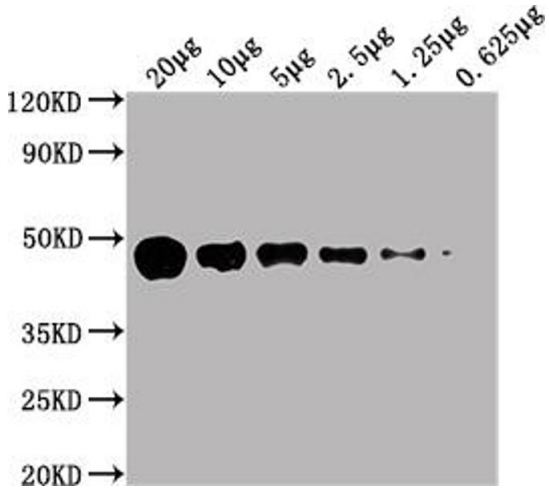
Immunohistochemistry

Image 1. IHC image of ABIN7143869 diluted at 1:500 and staining in paraffin-embedded human pancreas tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10 % normal goat serum 30 min at RT. Then primary antibody (1 % BSA) was incubated at 4 °C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



Western Blotting

Image 2. Western Blot Positive WB detected in: K562 whole cell lysate, NIH/3T3 whole cell lysate, Rat Brain tissue, Mouse Brain tissue, Rabbit Skeletal Muscle tissue, Rat Kidney tissue, Rabbit Kidney tissue All lanes ENO1 antibody at 1:10000 Secondary Goat polyclonal to mouse IgG at 0.261 µg/mL Predicted band size: 47 KDa Observed band size: 47 KDa Exposure time: 1 min



Western Blotting

Image 3. Western Blot Positive WB detected in: HepG2 whole cell lysate at 20 µg, 10 µg, 5 µg, 2.5 µg, 1.25 µg, 0.625 µg All lanes: ENO1 antibody at 1:5000 Secondary Goat polyclonal to Mouse IgG at 1/10000 dilution Predicted band size: 47 kDa Observed band size: 47 KDa Exposure time: 10s

Please check the product details page for more images. Overall 9 images are available for ABIN7143869.