Datasheet for ABIN1882238

anti-ENO1 antibody

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Overview

Quantity:	400 µL
Target:	ENO1
Reactivity:	Human, Mouse
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This ENO1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Purified His-tagged ENO1 protein was used to produced this monoclonal antibody.
Clone:	786CT6-6-4
Isotype:	IgG kappa
Purification:	This antibody is purified through a protein G column, followed by dialysis against PBS.

Target Details

Target:	ENO1
Alternative Name:	ENO1 (ENO1 Products)
Background:	Multifunctional enzyme that, as well as its role in glycolysis, plays a part in various processes such as growth control, hypoxia tolerance and allergic responses. May also function in the intravascular and pericellular fibrinolytic system due to its ability to serve as a receptor and activator of plasminogen on the cell surface of several cell-types such as leukocytes and

Target Details

	neurons. Stimulates immunoglobulin production. MBP1 binds to the myc promoter and acts as a transcriptional repressor. May be a tumor suppressor.
Molecular Weight:	47169
NCBI Accession:	NP_001188412, NP_001419
UniProt:	P06733

Application Details

Application Notes:	WB: 1:1000. IHC-P: 1:25
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified monoclonal 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
Expiry Date:	6 months

Publications

Product cited in:

Walter, Berg, Leidenberger, Schweppe, Northemann: "Autoreactive epitopes within the human alpha-enolase and their recognition by sera from patients with endometriosis." in: **Journal of autoimmunity**, Vol. 8, Issue 6, pp. 931-45, (1996) (PubMed).

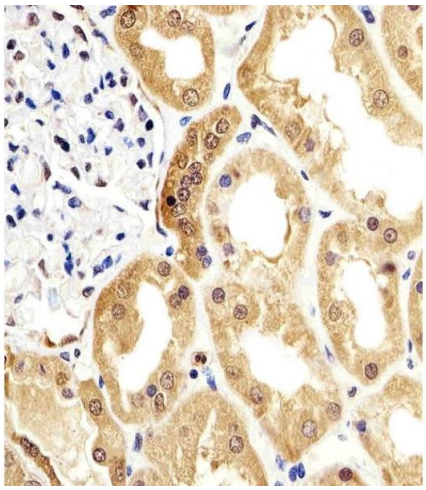
Ray, Miller: "Cloning and characterization of a human c-myc promoter-binding protein." in: **Molecular and cellular biology**, Vol. 11, Issue 4, pp. 2154-61, (1991) (PubMed).

Giallongo, Oliva, Calì, Barba, Barbieri, Feo: "Structure of the human gene for alpha-enolase." in: **European journal of biochemistry / FEBS**, Vol. 190, Issue 3, pp. 567-73, (1990) (PubMed).

Giallongo, Feo, Moore, Croce, Showe: "Molecular cloning and nucleotide sequence of a full-

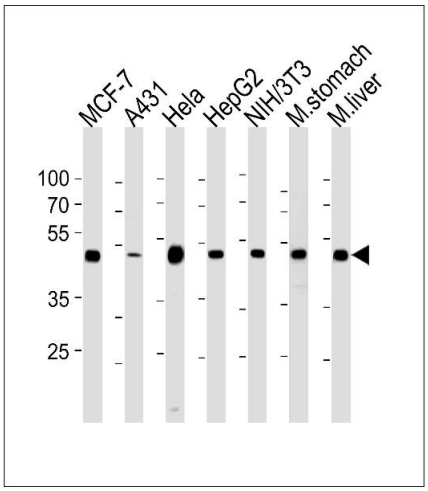
length cDNA for human alpha enolase." in: **Proceedings of the National Academy of Sciences of the United States of America**, Vol. 83, Issue 18, pp. 6741-5, (1986) (PubMed).

Images



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemical analysis of paraffin-embedded H. kideny section using ENO1 Antibody (ABIN1882238 and ABIN2843352). (ABIN1882238 and ABIN2843352) was diluted at 1:25 dilution. A undiluted biotinylated goat polyvalent antibody was used as the secondary, followed by DAB staining.



Western Blotting

Image 2. ENO1 Antibody (ABIN1882238 and ABIN2843352) western blot analysis in MCF-7,A431,Hela,HepG2,mouse NIH/3T3 cell line and mouse stomach,liver tissue lysates (35 µg/lane).This demonstrates the ENO1 antibody detected the ENO1 protein (arrow).