

Rabbit ENO1 Polyclonal Antibody | anti-ENO1 antibody

ENO1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA305624	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

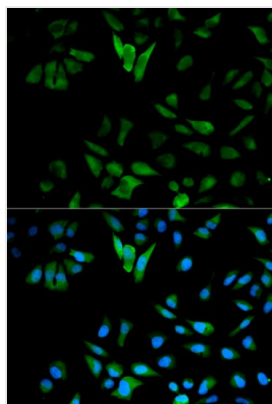
PRODUCT SYNONYMS

ENO1; Polyclonal Antibody; ENO1 Antibody; ENO1L1; MBP-1; MPB1; NNE; anti-ENO1 antibody

PRODUCT SPECIFICATIONS

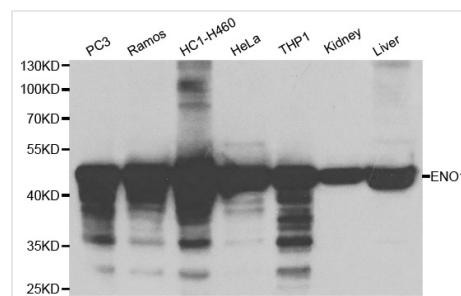
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total ENO1 protein.
Purity/Purification	Antibodies were purified by affinity purification using immunogen.
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	341
Applicable Applications for anti-ENO1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human ENO1.
Target Name	ENO1
Preparation and Storage	Store at -20 degree C

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cell using ENO1 antibody. Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using ENO1 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-ENO1 antibody	Enolase is an important glycolytic enzyme involved in the interconversion of 2-phosphoglycerate to phosphoenolpyruvate. Mammalian enolase exists as three subunits: enolase-1 (a-enolase), enolase-2 (g-enolase) and enolase-3 (b-enolase) that can form both homo- and heterodimers. Expression of the enolase isoforms differs in a tissue specific manner (1). Enolase-1 plays a key role in anaerobic metabolism under hypoxic conditions and may act as a cell surface plasminogen receptor during tissue invasion (2,3). Abnormal expression of enolase-1 is associated with tumor progression in some cases of breast and lung cancer (4-7). Alternatively, an enolase-1 splice variant (MBP-1) binds the c-myc promoter p2 and may function as a tumor suppressor. For this reason enolase-1 is considered as a potential therapeutic target in the treatment of some forms of cancer (8).
Product Categories/Family for anti-ENO1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	319996655
NCBI GeneID	2023
NCBI Accession #	NP_001188412.1
NCBI GenBank Nucleotide #	NM_001201483.1
UniProt Accession #	P06733; P22712; Q16704; Q4TUS4; Q53FT9; Q53HR3; Q658M5; Q6GMP2; Q71V37; Q7Z3V6; Q8WU71; B2RD59
Molecular Weight	36,928 Da
NCBI Official Full Name	c-myc promoter-binding protein-1 isoform MBP-1
NCBI Official Synonym Full Names	enolase 1, (alpha)
NCBI Official Symbol	ENO1
NCBI Official Synonym Symbols	NNE; PPH; MPB1; ENO1L1
NCBI Protein Information	alpha-enolase; c-myc promoter-binding protein-1
UniProt Protein Name	Alpha-enolase
UniProt Gene Name	ENO1
UniProt Synonym Gene Names	ENO1L1; MBPB1; MPB1; NNE
UniProt Entry Name	ENOA_HUMAN

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/eno1-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/305624>