

Rabbit ENO1 Polyclonal Antibody | anti-ENO1 antibody

ENO1 antibody - C-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA197789	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Sheep, Yeast, Zebrafish	Western Blot, Immunohistochemistry

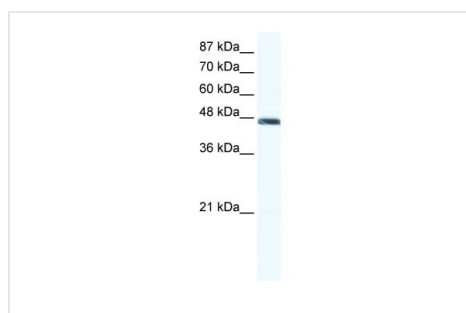
PRODUCT SYNONYMS

ENO1; Polyclonal Antibody; ENO1 antibody - C-terminal region; anti-ENO1 antibody

PRODUCT SPECIFICATIONS

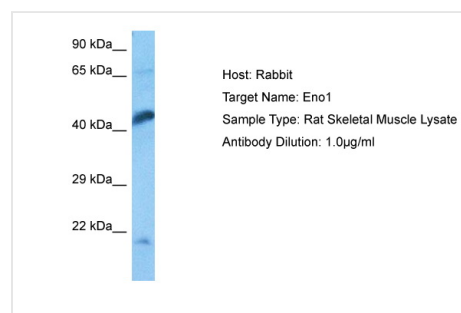
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Sheep, Yeast, Zebrafish
Clonality	Polyclonal
Purity/Purification	Protein A purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: VV GLCTGQIKTG APCRSERLAK YNQLLRIEEE LGSKAKFAGR NFRNPLAK
Sequence Length	434
Applicable Applications for anti-ENO1 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 93%; Dog: 93%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 93%; Rabbit: 100%; Rat: 100%; Sheep: 93%; Yeast: 79%; Zebrafish: 79%
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human ENO1
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



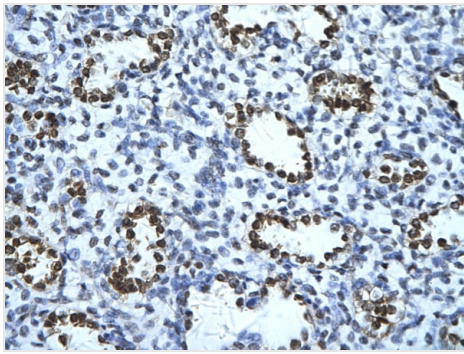
WB (Western Blot)

WB Suggested Anti-ENO1 Antibody Titration: 1.25ug/ml
 ELISA Titer: 1:62500
 Positive Control: Jurkat cell lysate
 ENO1 is strongly supported by BioGPS gene expression data to be expressed in Human Jurkat cells



WB (Western Blot)

Host: Rat
 Target Name: ENO1
 Sample Tissue: Rat Skeletal Muscle
 Antibody Dilution: 1ug/ml



IHC (Immunohistochemistry)
 Rabbit Anti-ENO1 AntibodyParaffin Embedded Tissue: Human alveolar cellCellular Data:
 Epithelial cells of renal tubuleAntibody Concentration: 4.0-8.0 ug/mlMagnification: 400X

ADDITIONAL INFORMATION

Related Product Information for anti-ENO1 antibody	This is a rabbit polyclonal antibody against ENO1. It was validated on Western Blot using a cell lysate as a positive control. Target Description: ENO1 is 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.
Product Categories/Family for anti-ENO1 antibody	Polyclonal ; Transcription Factor ; Growth Factors & Hormones ; Transcription Regulation ; Drugs and Drug Metabolism ; Chromatin & Nuclear Signaling ; Transcription Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503571
NCBI GeneID	2023
NCBI Accession #	NP_001419
NCBI GenBank Nucleotide #	NM_001428
UniProt Accession #	Q53HR3; P06733
Molecular Weight	47kDa
NCBI Official Full Name	alpha-enolase isoform 1
NCBI Official Synonym Full Names	enolase 1
NCBI Official Symbol	ENO1
NCBI Official Synonym Symbols	NNE; PPH; MPB1; ENO1L1; HEL-S-17
NCBI Protein Information	alpha-enolase; c-myc promoter-binding protein-1

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.