

# ENO3 rabbit monoclonal antibody

Catalog # H00002027-K

Size 100 ug x up to 3

## Specification

Product Description	Rabbit monoclonal antibody raised against a human ENO3 peptide using ARM Technology.
Immunogen	A synthetic peptide of human ENO3 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen ( <a href="#">ARM Technology</a> ).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human ENO3 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) <sub>2</sub> , IgG, scFv and different Fc and non-Fc conjugates per customer request.

## Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

## Gene Info — ENO3

Entrez GeneID [2027](#)

GeneBank Accession# [ENO3](#)

Gene Name ENO3

Gene Alias MSE

Gene Description enolase 3 (beta, muscle)

Omim ID [131370](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** This gene encodes one of the three enolase isoenzymes found in mammals. This isoenzyme, a homodimer, is found in skeletal muscle cells in the adult. A switch from alpha enolase to beta enolase occurs in muscle tissue during development in rodents. Mutations in this gene can be associated with metabolic myopathies that may result from decreased stability of the enzyme. Two transcripts have been identified for this gene that differ only in their 5' UTR. [provided by RefSeq]

**Other Designations** 2-phospho-D-glycerate hydrolyase|ENO3, muscle enolase 3 beta|OTTHUMP00000125242|beta enolase|enolase 3|enolase-3, beta, muscle|muscle specific enolase|skeletal muscle enolase

## Pathway

- [Biosynthesis of alkaloids derived from histidine and purine](#)
- [Biosynthesis of alkaloids derived from ornithine](#)
- [Biosynthesis of alkaloids derived from shikimate pathway](#)
- [Biosynthesis of alkaloids derived from terpenoid and polyketide](#)
- [Biosynthesis of phenylpropanoids](#)
- [Biosynthesis of plant hormones](#)
- [Biosynthesis of terpenoids and steroids](#)
- [Glycolysis / Gluconeogenesis](#)
- [Metabolic pathways](#)

- [RNA degradation](#)

## Disease

- [Muscular Dystrophies](#)