

## ENOPH Rabbit pAb

CatalogNo: YN3721

### Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human, Mouse, Rat

#### Applications

- WB

#### MW

- 29kD (Calculated)

#### Isotype

- IgG

### Recommended Dilution Ratios

WB 1:500-2000

### Storage

**Storage\*** -15°C to -25°C/1 year (Do not lower than -25°C)

**Formulation** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

### Basic Information

**Clonality** Polyclonal

### Immunogen Information

**Immunogen** Synthesized peptide derived from human ENOPH AA range: 112-162

**Specificity** This antibody detects endogenous levels of ENOPH at Human/Mouse/Rat

### Target Information

**Gene name** ENOPH1 MASA MSTP145

**Protein Name** ENOPH

Organism	Gene ID	UniProt ID
Human	<a href="#">58478;</a>	<a href="#">Q9UHY7;</a>
Mouse	<a href="#">67870;</a>	<a href="#">Q8BGB7;</a>
Rat	<a href="#">305177;</a>	<a href="#">Q5PPH0;</a>

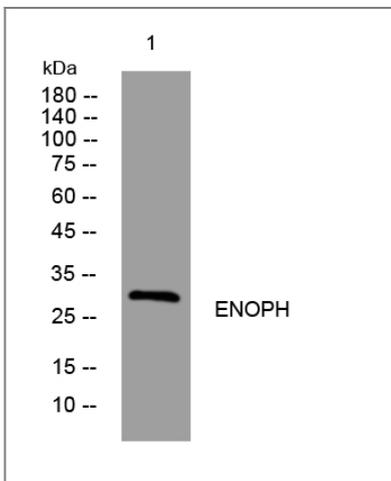
**Cellular Localization**

Cytoplasm . Nucleus .

**Function**

Catalytic activity:5-(methylthio)-2,3-dioxopentyl phosphate + H(2)O = 1,2-dihydroxy-5-(methylthio)pent-1-en-3-one + phosphate.,cofactor:Binds 1 magnesium ion per subunit.,Function:Bifunctional enzyme that enolizes the substrate to form the intermediate 2-hydroxy-5-(methylthio)-3-oxopent-1-enyl phosphate, which is then dephosphorylated to form the acireductone 1,2-dihydroxy-5-(methylthio)pent-1-en-3-one.,pathway:Amino-acid biosynthesis; L-methionine biosynthesis via salvage pathway; L-methionine from (S)-methyl-5-thio-alpha-D-ribose 1-phosphate: step 3/6.,pathway:Amino-acid biosynthesis; L-methionine biosynthesis via salvage pathway; L-methionine from (S)-methyl-5-thio-alpha-D-ribose 1-phosphate: step 4/6.,similarity:Belongs to the HAD-like hydrolase superfamily. MasA/mtnC family.,subunit:Monomer.,

## Validation Data



Western blot analysis of lysates from DU145 cells, primary antibody was diluted at 1:1000, 4° over night

## Contact information

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**ENOPH Rabbit pAb**

