

## FDPS Rabbit pAb

CatalogNo: YN5873

### Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human, Mouse, Rat

#### Applications

- WB

#### MW

- 46kD (Calculated)

#### Isotype

- IgG

### 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.

### Recommended Dilution Ratios

WB 1:500-2000

### Basic Information

**Clonality** Polyclonal

### Immunogen Information

**Immunogen** Synthesized peptide derived from human FDPS. AA range:71-171

**Specificity** This antibody detects endogenous levels of FDPS at Human, Mouse, Rat

### Target Information

**Gene name** FDPS FPS KIAA1293

**Protein Name** Farnesyl pyrophosphate synthase (FPP synthase) (FPS) ((2E,6E)-farnesyl diphosphate synthase) (Dimethylallyltranstransferase) (Farnesyl diphosphate synthase) (Geranyltranstransferase)

Organism	Gene ID	UniProt ID
Human	<a href="#">2224;</a>	<a href="#">P14324;</a>
Mouse	<a href="#">110196;</a>	<a href="#">Q920E5;</a>
Rat	<a href="#">83791;</a>	<a href="#">P05369;</a>

**Cellular Localization** Cytoplasm.

**Function** Key enzyme in isoprenoid biosynthesis which catalyzes the formation of farnesyl diphosphate (FPP), a precursor for several classes of essential metabolites including sterols, dolichols, carotenoids, and ubiquinones. FPP also serves as substrate for protein farnesylation and geranylgeranylation. Catalyzes the sequential condensation of isopentenyl pyrophosphate with the allylic pyrophosphates, dimethylallyl pyrophosphate, and then with the resultant geranylpyrophosphate to the ultimate product farnesyl pyrophosphate.

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## | Validation Data

## | Contact information

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Please scan the QR code to access additional product information:  
**FDPS Rabbit pAb**

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