

## FDPS Rabbit pAb

CatalogNo: YN5873

### Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human, Mouse, Rat

#### Applications

- WB

#### MW

- 46kD (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 FDPS

#### 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>
Cellular Localization	Rat	<a href="#">83791;</a>	<a href="#">P05369;</a>
	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.		

## Validation Data

## Contact information

Orders: order.cn@immunoway.com  
Support: support.cn@immunoway.com  
Telephone: 400-8787-807(China)  
Website: <http://www.immunoway.com.cn>  
Address: 2200 Ringwood Ave San Jose, CA 95131 USA



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**FDPS Rabbit pAb**

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