

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	2224;	P14324;
	Mouse	110196;	Q920E5;
	Rat	83791;	P05369;
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.		

Validation Data

Contact information

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