

**FDPS Antibody**  
**Rabbit mAb**  
**Catalog # AP92862**

## Specification

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### FDPS Antibody - Product Information

Application	WB, IHC, FC
Primary Accession	<a href="#">P14324</a>
Clonality	Monoclonal
<b>Other Names</b>	
Farnesyl diphosphate synthase; Fdps; FPP synthase; FPP synthetase; FPPS; FPS; Geranyltranstransferase;	
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	48275 Da

### FDPS Antibody - Additional Information

Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human FDPS
Description	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.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

### FDPS Antibody - Protein Information

**Name** FDPS ([HGNC:3631](#))

**Synonyms** FPS, KIAA1293

#### 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.

#### Cellular Location

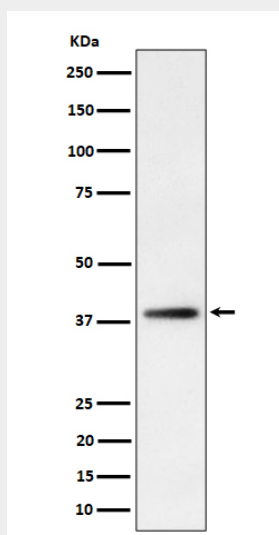
Cytoplasm.

### FDPS Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### FDPS Antibody - Images



Western blot analysis of FDPS expression in HepG2 cell lysate.