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FDPS Antibody
Rabbit mAb
Catalog # AP92862

Specification

FDPS Antibody - Product Information

Application	**WB, IHC, FC**
Primary Accession	P14324
Clonality	**Monoclonal**

Other Names
Farnesyl diphosphate synthase; Fdps; FPP synthase; FPP synthetase; FPPS; FPS; Geranyltranstransferase;

Isotype	**Rabbit IgG**
Host	**Rabbit**
Calculated MW	**48275 Da**

FDPS Antibody - Additional Information

Dilution	**WB~~1:1000 IHC~~1:100~500 FC~~1:10~50**
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.

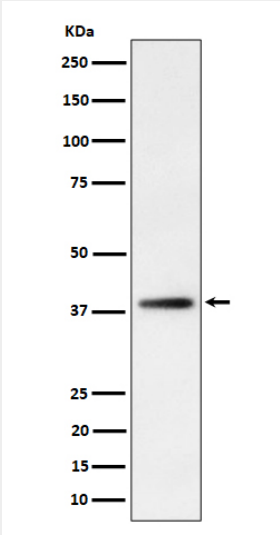
Cellular Location
Cytoplasm.

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 Cytomety
- Cell Culture

FDPS Antibody - Images



Western blot analysis of FDPS expression in HepG2 cell lysate.