

FDPS antibody - C-terminal region
Rabbit Polyclonal Antibody
Catalog # AI14566**Specification**

FDPS antibody - C-terminal region - Product Information

Application	WB
Primary Accession	Q8WMY2
Other Accession	NM_001135822 , NP_001129294
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog
Predicted	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	38kDa kDa

FDPS antibody - C-terminal region - Additional Information**Gene ID** 281156**Alias Symbol** **FPPS, FPS****Other Names**

Farnesyl pyrophosphate synthase, FPP synthase, FPS, 2.5.1.10, (2E, 6E)-farnesyl diphosphate synthase, Dimethylallyltranstransferase, 2.5.1.1, Farnesyl diphosphate synthase, Geranyltranstransferase, FDPS

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-FDPS antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

FDPS antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

FDPS antibody - C-terminal region - Protein Information**Name** FDPS**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 (By similarity).

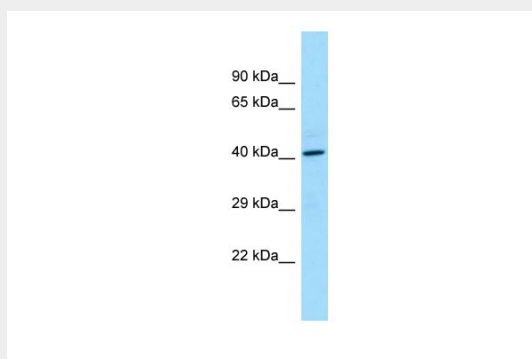
Cellular Location

Cytoplasm.

FDPS antibody - C-terminal region - 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 - C-terminal region - Images

Host: Rabbit

Target Name: FDPS

Antibody Dilution: 1.0µg/ml

Sample Tissue: COLO205 cell lysate

FDPS is supported by BioGPS gene expression data to be expressed in COLO205

FDPS antibody - C-terminal region - References

Lefebvre L., et al. J. Virol. 76:1400-1414(2002).