10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

FDPS antibody - C-terminal region

Rabbit Polyclonal Antibody
Catalog # AI14566

Product Information

Application	WB
Primary Accession	Q8WMY2
Other Accession	NM_001135822, NP_001129294
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Dog, Guinea Pig, Horse, Bovine
Predicted	Human, Mouse, Rat, Rabbit, Pig, Dog, Guinea Pig, Horse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	40510

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.

Protein Information

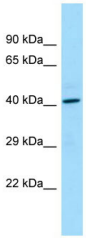
Name	FDPS
Function	Key enzyme in isoprenoid biosynthesis which catalyzes the formation of farnesyl diphosphate (FPP), a precursor for several classes of essential metabolites including sterols, dolichols, carotenoids, and ubiquinones. FPP also serves as substrate for protein farnesylation and geranylgeranylation. 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.

References

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

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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.