

Anti-FDPS Antibody

Rabbit Anti Human Polyclonal Antibody

Catalog # ALS18265

Product Information

Application	WB, IHC-P
Primary Accession	P14324
Predicted	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	48275
Concentration (mg/ml)	1 mg/ml

Additional Information

Gene ID	2224
Alias Symbol	FDPS
Other Names	FDPS, Dimethylallyltranstransferase, Farnesyl diphosphate synthase, FPP synthetase, FPS, KIAA1293, FPPS, Geranyltranstransferase, FPP synthase
Target/Specificity	Human FDPS
Reconstitution & Storage	Immunoaffinity purified
Precautions	Anti-FDPS Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

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.

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