

FDPS Antibody (Center)

Catalog_no :	AB3712
Reactivity :	H, M
Category :	抗原抗体
Size :	100μL/50μL
Immunogen :	HUMAN
Specificity :	This FDPS antibody is generated from a mouse immunized with a recombinant protein of human FDPS.
Dilution :	WB,1:2000-1:4000;
Other_name :	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, FPS, KIAA1293
Isotype :	IgG2b,k
Background :	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.
reference :	Wilkin D.J.,et al.J. Biol. Chem. 265:4607-4614(1990). Nomura N.,et al.DNA Res. 1:27-35(1994). Ota T.,et al.Nat. Genet. 36:40-45(2004). Gregory S.G.,et al.Nature 441:315-321(2006). Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databas