

Product Name: FDPS (11Q11) Rabbit Monoclonal Antibody
Catalog #: AMRe10895

Summary

Production Name	FDPS (11Q11) Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal Antibody
Host	Rabbit
Application	WB
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% New type preservative N and 0.05% BSA.
Purification	Affinity purification

Immunogen

Gene Name	FDPS
Alternative Names	Farnesyl diphosphate synthase; Fdps; FPP synthase; FPP synthetase; FPPS; FPS; Geranyltranstransferase;
Gene ID	2224.0
SwissProt ID	P14324.A synthetic peptide of human FDPS

Application

Dilution Ratio	WB: 1:1000-1:5000
Molecular Weight	48kDa

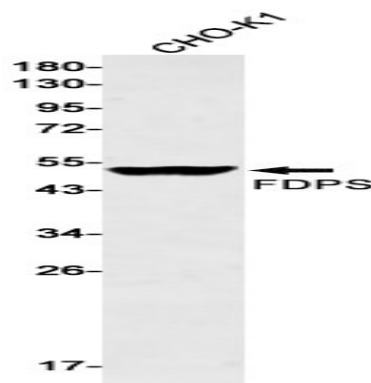
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Background

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. 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.

Research Area

Image Data



Western blot detection of FDPS in CHO-K1 cell lysates using FDPS antibody(1:500 diluted).

Note

For research use only.