

Product Name: FDPS Rabbit Monoclonal antibody**Catalog #: AMRe01979**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC
Reactivity	Human,Hamster
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal Antibody
Form	Liquid
Concentration	0.28mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
Purification	Affinity Purified

Application

Dilution Ratio	WB 1:500-1:1000,IHC 1:50-1:100
Molecular Weight	Calculated MW: 48 kDa; Observed MW: 48 kDa

Antigen Information

Gene Name	FDPS
Alternative Names	FPS; FPPS; POROK9
Gene ID	2224
SwissProt ID	P14324
Immunogen	A synthetic peptide of human FDPS

Background

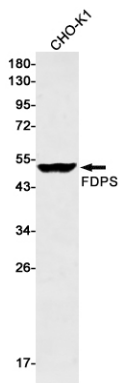
Key enzyme in isoprenoid biosynthesis which catalyzes the formation of farnesyl diphosphate (FPP), a precursor for several classes of essential metabolites including sterols, dolichols, carotenoids, and ubiquinones. FPP also serves as substrate for

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.

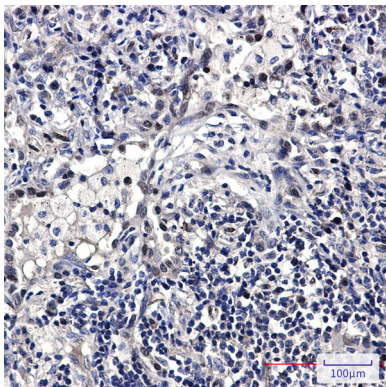
Research Area

Cardiovascular

Image Data



Western blot analysis of FDPS in CHO-K1 lysates using FDPS antibody.



Immunohistochemistry analysis of paraffin-embedded Human lung cancer using FDPS antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.