

anti-Human FDPS Monoclonal Antibody | anti-FDPS antibody

FDPS Rabbit mAb

CATALOG # AAA314358	HOST Recombinant Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

FDPS; Monoclonal Antibody; FDPS Rabbit mAb; FPS; FPPS; POROK9; anti-FDPS antibody

PRODUCT SPECIFICATIONS

Host	Recombinant Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Number	S07-2G6
Purity/Purification	Affinity Purified
Form/Format	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Concentration	0.3mg/ml (varies by lot)
Applicable Applications for anti-FDPS antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide of human FDPS
Conjugation	Unconjugated
Modification	Unmodification
Preparation and Storage	Store at 4 degree C short term. Aliquot and store at -20 degree C long term. Avoid freeze/thaw cycles.

IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry of FDPS in paraffin-embedded Human lung cancer tissue using FDPS Rabbit mAb at dilution 1/50


WB (Western Blot)

Western blot detection of FDPS in CHO-K1 cell lysates using FDPS Rabbit mAb(1:500 diluted).Predicted band size:48kDa.Observed band size:48kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-FDPS antibody	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.
Product Categories/Family for anti-FDPS antibody	Primary Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	215274250
NCBI GeneID	2224
UniProt Accession #	P14324; Q96G29; D3DV91; E9PCI9
Molecular Weight	48,275 Da
NCBI Official Full Name	Farnesyl pyrophosphate synthase
NCBI Official Synonym Full Names	farnesyl diphosphate synthase
NCBI Official Symbol	FDPS
NCBI Official Synonym Symbols	FPS; FPPS
NCBI Protein Information	farnesyl pyrophosphate synthase; FPP synthase; FPP synthetase; geranyltranstransferase; dimethylallyltranstransferase; (2E,6E)-farnesyl diphosphate synthase; farnesyl pyrophosphate synthetase, dimethylallyltranstransferase, geranyltranstransferase
UniProt Protein Name	Farnesyl pyrophosphate synthase
UniProt Gene Name	FDPS
UniProt Synonym Gene Names	FPS; KIAA1293; FPP synthase; FPS
UniProt Entry Name	FPPS_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/fdps-antibody-clone-s07-2g6-immunohistochemistry-western-blot-elisa/314358>