

Rabbit FDPS Polyclonal Antibody | anti-FDPS antibody

FDPS Polyclonal Antibody

CATALOG # AAA176586	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry
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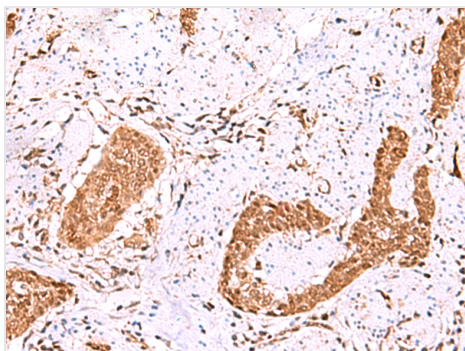
PRODUCT SYNONYMS

FDPS; Polyclonal Antibody; FDPS Polyclonal Antibody; Dimethylallyltranstransferase; Farnesyl diphosphate synthase; Farnesyl diphosphate synthetase; Farnesyl pyrophosphate synthase; Farnesyl pyrophosphate synthetase; Fdps; FPP synthase; FPP synthetase; FPPS; FPPS_HUMAN; FPS; Geranyltranstransferase; anti-FDPS antibody

PRODUCT SPECIFICATIONS

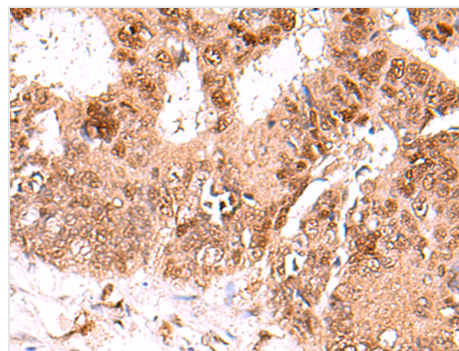
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purification
Form/Format	PBS with 0.05% NaN ₃ and 40% Glycerol, pH7.4
Concentration	1.08mg/mL (varies by lot)
Sequence Length	419
Applicable Applications for anti-FDPS antibody	ELISA, IHC (Immunohistochemistry)
Immunogen	Fusion protein of human FDPS
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using FDPS Polyclonal Antibody at dilution of 1:60(×200)



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using FDPS Polyclonal Antibody at dilution of 1:60(×200)

ADDITIONAL INFORMATION

Related Product Information for anti-FDPS antibody	This gene encodes an enzyme that catalyzes the production of geranyl pyrophosphate and farnesyl pyrophosphate from isopentenyl pyrophosphate and dimethylallyl pyrophosphate. The resulting product, farnesyl pyrophosphate, is a key intermediate in cholesterol and sterol biosynthesis, a substrate for protein farnesylation and geranylgeranylation, and a ligand or agonist for certain hormone receptors and growth receptors. Drugs that inhibit this enzyme prevent the post-translational modifications of small GTPases and have been used to treat diseases related to bone resorption. Multiple pseudogenes have been found on chromosomes 1, 7, 14, 15, 21 and X. Multiple transcript variants encoding different isoforms have been found for this gene.
Product Categories/Family for anti-FDPS antibody	Cardiovascular; Signal Transduction; Cancer; Metabolism

NCBI AND UNIPROT INFORMATION

NCBI GI #	215274250
NCBI GeneID	2224
UniProt Accession #	P14324
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; POROK9
NCBI Protein Information	farnesyl pyrophosphate synthase
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/polyclonal/fdps-antibody-immunohistochemistry-elisa/176586>