Mouse anti-Rat Farnesyl Diphosphate Synthase (FDPS) Monoclonal Antibody | anti-FDPS antibody

Monoclonal Antibody to Farnesyl Diphosphate Synthase (FDPS)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA152582	**Mouse**	**Rat**	**Immunoprecipitation, Immunocytochemistry, Immunohistochemistry, Western Blot**

PRODUCT SYNONYMS

Farnesyl Diphosphate Synthase (FDPS); Monoclonal Antibody; Monoclonal Antibody to Farnesyl Diphosphate Synthase (FDPS); Farnesyl Diphosphate Synthase; FPS; Farnesyl Pyrophosphate Synthetase; Dimethylallyltranstransferase; Geranyltranstransferase; anti-FDPS antibody

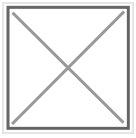
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Rat
Clonality	Monoclonal
Isotype	IgG1 Kappa
Clone Number	C1
Specificity	The antibody is a mouse monoclonal antibody raised against FDPS. It has been selected for its ability to recognize FDPS in immunohistochemical staining and western blotting.
Purity/Purification	Protein A + Protein G affinity chromatography
Form/Format	Liquid. 0.01M PBS, pH7.4, containing 0.05% Proclin-300, 50% glycerol.
Concentration	1mg/mL (varies by lot)
Sequence Positions	Met1~Lys353
Applicable Applications for anti-FDPS antibody	IP (Immunoprecipitation), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant Farnesyl Diphosphate Synthase (FDPS)
Preparation and Storage	Store at 4 degree C for frequent use. Store at -20 degree C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles. Stable for 12 months if correctly stored. The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES

WB (Western Blot)
Western Blot; Sample: Rat Liver lysate Primary Ab: 0.02ug/ml Mouse Anti-Rat FDPS Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody

IHC (Immunohiostchemistry)
DAB staining on IHC-P;Sample: Rat Liver TissuePrimary Ab: 30ug/ml Mouse Anti-Rat FDPS AntibodyControl: Used PBS instead of primary antibodySecond Ab: 2ug/ml HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody



IHC (Immunohistochemistry)
DAB staining on IHC-P; Sample: Rat Liver Tissue; Primary Ab: 20ug/ml Mouse Anti-Rat FDPS Antibody Second Ab: 2ug/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody

ADDITIONAL INFORMATION

Product Categories/Family for anti-FDPS antibody	Monoclonal Antibodies (Primary Abs); Monoclonal antibodies; Enzyme & Kinase

NCBI AND UNIPROT INFORMATION

NCBI GI #	13929206
NCBI GeneID	83791
NCBI Accession #	NP_114028.1
NCBI GenBank Nucleotide #	NM_031840.1
UniProt Accession #	P05369; Q6GT82
Molecular Weight	40,830 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; Ac2-125
NCBI Protein Information	farnesyl pyrophosphate synthase
UniProt Protein Name	Farnesyl pyrophosphate synthase
UniProt Gene Name	**Fdps**
UniProt Synonym Gene Names	FPP synthase; FPS; CR 39

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/farnesyl-diphosphate-synthase-fdps-antibody-clone-c1-immunoprecipitation-immunocytochemistry-immunohistochemistry-western-blot-elisa/152582