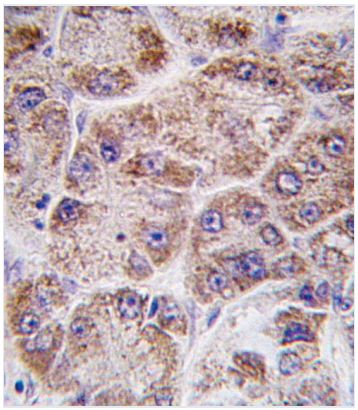
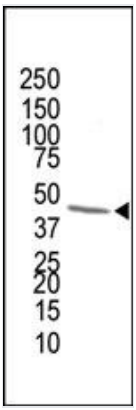
FDPS Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	FDPS, Polyclonal Antibody
Full Product Name	FDPS, ID (Farnesyl Pyrophosphate Synthase, FPP Synthase, FPS, Farnesyl Diphosphate Synthase, FPS, KIAA1293) (PE)
Product Gene Name	anti-FDPS antibody
Product Synonym Gene Name	FPPS
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with R-Phycoerythrin (PE).
Purity/Purification	Purified by Protein G Affinity Chromatography.
Specificity	Recognizes human FDPS.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: PE conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	40.532
Immunogen	Synthetic peptide selected from the center region of human FDPS (KLH).
Conjugate	PE
Note	Preservative Free
Special Handling	Light sensitive
Product Categories/Family for anti-FDPS antibody	Antibodies; Enzymes; Synthase
Applications Tested/Suitable for anti-FDPS antibody	Immunohistochemistry (IHC), FLISA, Western Blot (WB)
Application Notes for anti-FDPS antibody	IHC: 1:50-1:100 FLISA: 1:1,000 WB: 1:100-1:500 Applications are based on unconjugated antibody.
Related Product Information for anti-FDPS antibody	MBS6475863 is an antibody targeting FDPS. Also known as FDPS, ID (Farnesyl Pyrophosphate Synthase, FPP Synthase, FPS, Farnesyl Diphosphate Synthase, FPS, KIAA1293) (PE). Reactive in Human. Host: Rabbit.
Product References and Citations for anti-FDPS antibody	1. Strausberg, R.L., et al., Proc. Natl. Acad. Sci. USA 99(26):16899-16903 (2002). 2. Nomura, N., et al., DNA Res. 1(1):27-35 (1994). 3. Wilkin, D.J., et al., J. Biol. Chem. 265(8):4607-4614 (1990). 4. Sheares, B.T., et al., Biochemistry 28(20):8129-8135 (1989). 5. Ishimoto K, et al. Biochem J. 2010 May 7.(E-pub) 6. Jianqiang Li, et al. J. Immunol. 2009; 182:8118-8124.
Other Notes	Small volumes of anti-FDPS antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Immunohistochemistry (IHC) of anti-FDPS antibody
Formalin-fixed and paraffin-embedded human hepatocarcinoma tissue reacted with FDPS antibody (Center), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



Western Blot (WB) of anti-FDPS antibody
The anti-FDPS Pab is used in Western blot to detect FDPS in human cytokeratin liver cell lysate. Data is kindly provided by Dr. Masaru Harada from Stanford University (Palo Alto, CA).

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for FDPS. It may not necessarily be applicable to this product.

Protein Family	Farnesyl pyrophosphate synthase
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