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Product datasheet for AP12195PU-N

FDFT1 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	ELISA: 1/1,000. Western blot: 1/50-1/200. Immunohistochemistry: 1/50-1/100.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	This antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide selected from the center region of human FDFT1.
Specificity:	This antibody detects FDFT1 (Center).
Formulation:	PBS with 0.09% (W/V) Sodium Azide as preservative. State: Purified State: Liquid purified Ig fraction.
Concentration:	lot specific
Purification:	Protein G Chromatography, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	farnesyl-diphosphate farnesyltransferase 1
Database Link:	Entrez Gene 2222 Human P37268

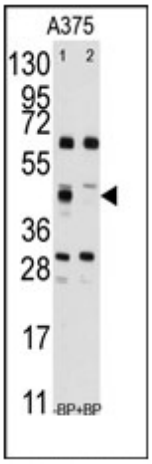
View online »

Background: FDFT1 catalyzes the first step in the cholesterol biosynthetic pathway, the conversion of trans-farnesyldiphosphate to squalene. The loss of promoter activity and response to sterols for FDFT1 is localized to a 69-bp section positioned 131 bp 5-prime to the transcription start site. Sequence analysis of this region shows that it contains a sterol regulatory element-1 (SRE1) previously identified in other sterol regulated genes and 2 putative NF1 binding sites.

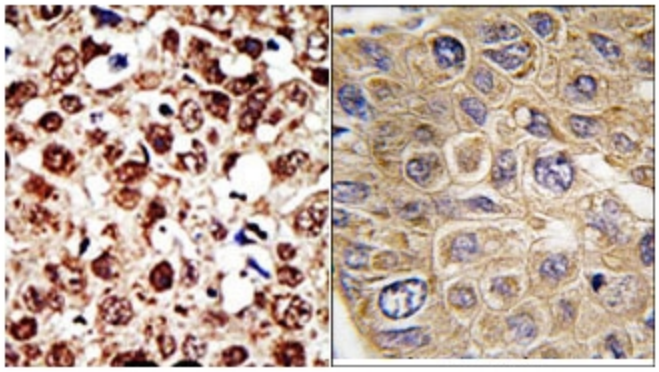
Synonyms: SQS, SS, FDFT1

Note: b>Molecular weight: 48115 Da

Product images:



Western blot analysis of anti-FDFT1 Antibody (Center) pre-incubated without (lane 1) and with (lane 2) blocking peptide in A375 cell line lysate. FDFT1 (arrow) was detected using the purified Pab.



(LEFT) Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, 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. (RIGHT) Formalin-fixed and paraffin-embedded human hepatocarcinoma tissue reacted with FDFT1 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.