

**FDFT1 Rabbit mAb**  
Catalog # AP79042**Specification**

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**FDFT1 Rabbit mAb - Product Information**

Application	WB, IHC
Primary Accession	<a href="#">P37268</a>
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	48115

**FDFT1 Rabbit mAb - Additional Information****Gene ID** 2222**Other Names**

FDFT1

**Dilution**

WB~~1/500-1/1000

IHC~~1/50-1/100

**Format**

Liquid

**FDFT1 Rabbit mAb - Protein Information****Name** FDFT1**Function**

Catalyzes the condensation of 2 farnesyl pyrophosphate (FPP) moieties to form squalene. Proceeds in two distinct steps. In the first half-reaction, two molecules of FPP react to form the stable presqualene diphosphate intermediate (PSQPP), with concomitant release of a proton and a molecule of inorganic diphosphate. In the second half-reaction, PSQPP undergoes heterolysis, isomerization, and reduction with NADPH or NADH to form squalene. It is the first committed enzyme of the sterol biosynthesis pathway.

**Cellular Location**

Endoplasmic reticulum membrane {ECO:0000250|UniProtKB:Q02769}; Multi-pass membrane protein

**Tissue Location**

Widely expressed..

**FDFT1 Rabbit mAb - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### FDFT1 Rabbit mAb - Images

