

Anti-FDFT1 Rabbit pAb

Purified Rabbit Polyclonal Antibody

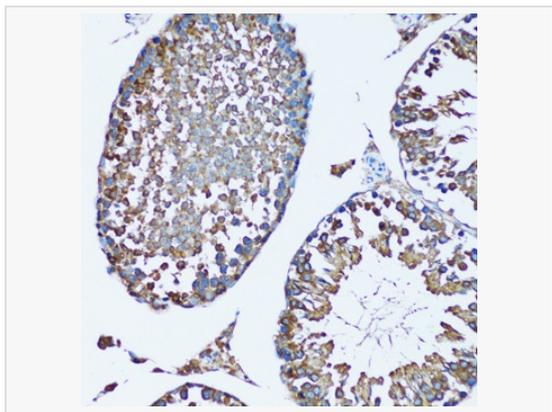
Catalog # P106590

Product Information

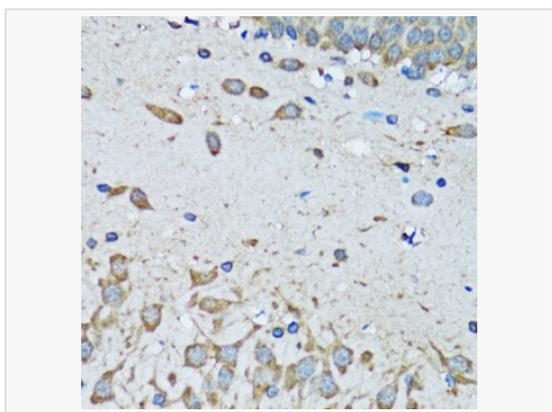
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|-------------|---|
| Application | WB, IHC-P/IF (Tissue-P), IF (Cell)/ICC, ELISA |
| Reactivity | Human, Mouse, Rat |
| Dilution | WB 1:500~1:1,000; IHC-P 1:50~1:200; IF 1:50~1:200 |
| Host | Rabbit |
| Clonality | Polyclonal |
| Isotype | IgG |
| Label | Unconjugated |
| Immunogen | Recombinant fusion protein containing a sequence corresponding to amino acids 1-260 of human SQS/FDFT1 (NP_004453.3). |
| Format | Affinity purified polyclonal antibody supplied in PBS with 0.02% sodium azide and 50% glycerol, pH 7.3. |
| Storage | Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage. |
| Precautions | Anti-FDFT1 Rabbit pAb is for research use only and not for use in diagnostic or therapeutic procedures. |

Protein Information

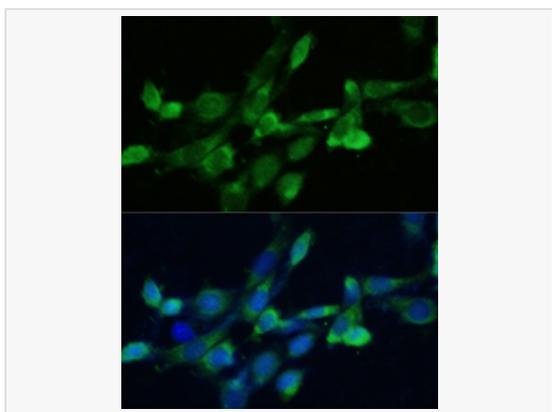
| | |
|---------------|---|
| Synonyms | SS; SQS; DGPT; ERG9; SQSD; SQS/FDFT1. |
| Calculated MW | Calculated MW: 48 kDa; Observed MW: 48 kDa |
| Uniprot ID | P37268 |
| Gene ID | 2222 |
| Background | This gene encodes a membrane-associated enzyme located at a branch point in the mevalonate pathway. The encoded protein is the first specific enzyme in cholesterol biosynthesis, catalyzing the dimerization of two molecules of farnesyl diphosphate in a two-step reaction to form squalene. |



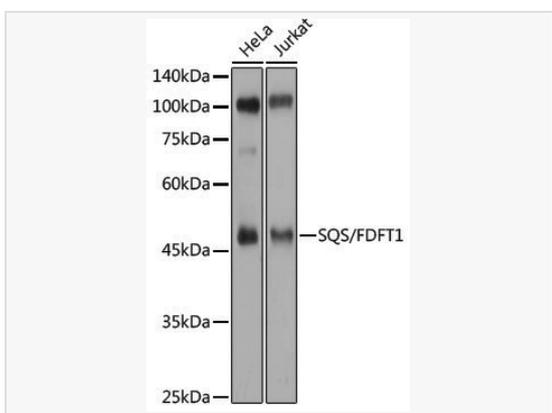
Immunohistochemistry analysis of paraffin-embedded Mouse testis using SQS/FDFT1 Rabbit pAb (P106590) at dilution of 1:100 (20x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Mouse brain using SQS/FDFT1 Rabbit pAb (P106590) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Immunofluorescence analysis of NIH-3T3 cells using SQS/FDFT1 Rabbit pAb (P106590) at dilution of 1:100. Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Western blot analysis of various lysates using SQS/FDFT1 Rabbit pAb (P106590) at 1:500 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (LF102) at 1:10,000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit (SQ201). Exposure time: 1s.