

DPS1 Rabbit mAb
Catalog # AP75373**Specification**

DPS1 Rabbit mAb - Product Information

Application	WB, IP
Primary Accession	Q5T2R2
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	46261

DPS1 Rabbit mAb - Additional Information**Gene ID** 23590**Other Names**
PDSS1**Dilution**
WB~~1/500-1/1000
IP~~N/A**Format**
50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.**Storage**
Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.**DPS1 Rabbit mAb - Protein Information****Name** PDSS1 ([HGNC:17759](#))**Function**

Heterotetrameric enzyme that catalyzes the condensation of farnesyl diphosphate (FPP), which acts as a primer, and isopentenyl diphosphate (IPP) to produce prenyl diphosphates of varying chain lengths and participates in the determination of the side chain of ubiquinone (PubMed:16262699). Supplies nona and decaprenyl diphosphate, the precursors for the side chain of the isoprenoid quinones ubiquinone-9 (Q9)and ubiquinone-10 (Q10) respectively (PubMed:16262699). The enzyme adds isopentenyl diphosphate molecules sequentially to farnesyl diphosphate with trans stereochemistry (PubMed:16262699).

Cellular Location
Mitochondrion.

DPS1 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](#)

DPS1 Rabbit mAb - Images

