

DPS1 Rabbit mAb

Catalog # AP75373

Product Information

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

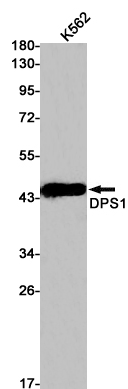
Additional Information

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.

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.

Images



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