

Recombinant

DGRmAb®

DPS1 (DGR20044) Rabbit mAb

db13213

Package : 10µL 20µL 50µL 100µL

Product Name : DPS1 (DGR20044) Rabbit mAb**Cat.No.:** db13213**Synonyms** : DPS; SPS; TPT; COQ1; TPRT; COQ1A; TPT 1; hDPS1; COQ10D2**Application** : WB, IP**Reactivity** : Human,Mouse,Rat**Host species** : Rabbit**Background**

The protein encoded by this gene is an enzyme that elongates the prenyl side-chain of coenzyme Q, or ubiquinone, one of the key elements in the respiratory chain. The gene product catalyzes the formation of all trans-polyprenyl pyrophosphates from isopentyl diphosphate in the assembly of polyisoprenoid side chains, the first step in coenzyme Q biosynthesis. The protein may be peripherally associated with the inner mitochondrial membrane, though no transit peptide has been definitively identified to date. Defects in this gene are a cause of coenzyme Q10 deficiency. [provided by RefSeq, Jul 2008]

Immunogen

A synthetic peptide of human DPS1

Gene ID

23590

Swiss Prot

Q5T2R2

Synonyms

DPS; SPS; TPT; COQ1; TPRT; COQ1A; TPT 1; hDPS1; COQ10D2

Reactivity

Human,Mouse,Rat

Application

WB, IP

Recommended dilutionWB: 1:1000
IP: 1:20-1:50**Calculated MW**

46 kDa

Observed MW

46 kDa

Host species

Rabbit

Clonality

Monoclonal

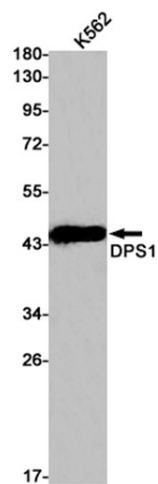
Clonality No.

DGR20044

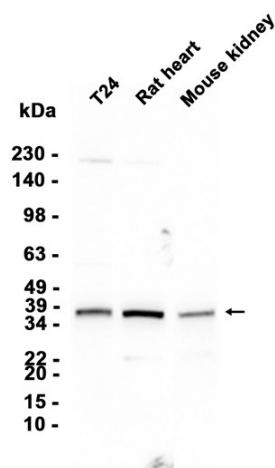
Isotype

IgG

Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



Western blot detection of DPS1 in K562 cell lysates using DPS1 antibody(1:1000 diluted).



Western blot analysis of extracts from T24 cells and Mouse kidney, Rat heart tissue using db13213 at 1:1000.