

Recombinant

DGRmAb®

**DPS1 (DGR20044) Rabbit mAb (PBS Only)**

db13213-PBS

Package : 100µg

**Product Name :** DPS1 (DGR20044) Rabbit mAb (PBS Only)**Cat.No.:** db13213-PBS**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 dilution**WB: 1:1000  
IP: 1:20-1:50**Calculated MW**

46 kDa

**Observed MW**

46 kDa

**Host species**

Rabbit

**Clonality**

Monoclonal

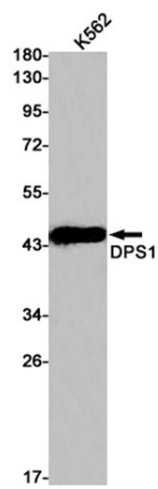
**Clonality No.**

DGR20044

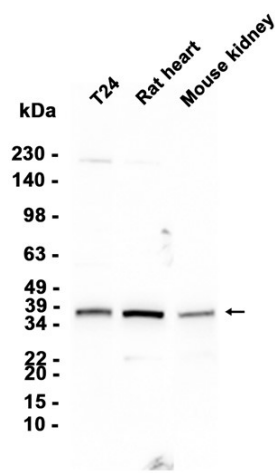
**Isotype**

IgG

Purity	Affinity Purification
Conjugation	Un-conjugated
Concentration	1 mg/ml
Formulation	PBS Only
Storage Stability	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. 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](#)