

Recombinant

DGRmAb®

## ATP7b (DGR20894) Rabbit mAb

db14200

Package : 10µL 20µL 50µL 100µL

**Product Name** : ATP7b (DGR20894) Rabbit mAb**Cat.No.:** db14200**Synonyms** : WD; PWD; WC1; WND**Application** : WB**Reactivity** : Human**Host species** : Rabbit**Background**

This gene is a member of the P-type cation transport ATPase family and encodes a protein with several membrane-spanning domains, an ATPase consensus sequence, a hinge domain, a phosphorylation site, and at least 2 putative copper-binding sites. This protein functions as a monomer, exporting copper out of the cells, such as the efflux of hepatic copper into the bile. Alternate transcriptional splice variants, encoding different isoforms with distinct cellular localizations, have been characterized. Mutations in this gene have been associated with Wilson disease (WD). [provided by RefSeq, Jul 2008]

**Immunogen**

A synthetic peptide of human ATP7b

**Gene ID**

540

**Swiss Prot**

P35670

**Synonyms**

WD; PWD; WC1; WND

**Reactivity**

Human

**Application**

WB

**Recommended dilution**

WB: 1:1000-1:5000

**Calculated MW**

157 kDa

**Observed MW**

157 kDa

**Host species**

Rabbit

**Clonality**

Monoclonal

**Clonality No.**

DGR20894

**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.