

CPS1 Rabbit pAb

db20510

Package : 20µL 50µL 100µL

Product Name : CPS1 Rabbit pAb**Cat.No.:** db20510**Synonyms** : PHN; CPSASE1**Application** : WB, IHC, IP**Reactivity** : Human, Mouse, Rat**Host species** : Rabbit**Background**

The mitochondrial enzyme encoded by this gene catalyzes synthesis of carbamoyl phosphate from ammonia and bicarbonate. This reaction is the first committed step of the urea cycle, which is important in the removal of excess urea from cells. The encoded protein may also represent a core mitochondrial nucleoid protein. Three transcript variants encoding different isoforms have been found for this gene. The shortest isoform may not be localized to the mitochondrion. Mutations in this gene have been associated with carbamoyl phosphate synthetase deficiency, susceptibility to persistent pulmonary hypertension, and susceptibility to venoocclusive disease after bone marrow transplantation.[provided by RefSeq, May 2010]

Immunogen

A synthetic peptide of human CPS1

Gene ID

1373

Swiss Prot

P31327

Synonyms

PHN; CPSASE1

Reactivity

Human, Mouse, Rat

Application

WB, IHC, IP

Recommended dilution

WB: 1:1000

IHC: 1:50

IP: 1:20

Calculated MW

165 kDa

Observed MW

160 kDa

Host species

Rabbit

Clonality

Polyclonal

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.