

CPS1 (14V3) Rabbit Monoclonal Antibody

Catalog# UZ-MA00959

Product information

产品货号	UZ-MA00959
别名	PHN; CPSASE1
产品名称	CPS1 (14V3) Rabbit Monoclonal Antibody
类别	抗体产品
推荐应用	WB,IHC-P
反应种属	Human,Mouse,Rat
存储缓冲液	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% New type preservative N and 0.05% BSA.
免疫原	A synthetic peptide of human CPS1
稀释度	WB 1:1000-1:5000, IHC-P/IF-P 1:200-1:500
参考分子量	160kDa
预测分子量	165kDa
运输及保存条件	-20°C/1 year
宿主	Rabbit
同种型	IgG
背景介绍	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]
纯化	Affinity Purification
Uniprot ID	P31327
Clonality	Monoclonal