Recombinant CPS1 / Carbamoyl-Phosphate Synthetase (Hepatocellular Marker) Antibody

Rabbit Monoclonal Antibody [Clone CPS1/13933R]

Catalog No	Format	Size
1373-RBM34-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
1373-RBM34-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
1373-RBM34-P1ABX	Purified Ab WITHOUT BSA or Azide at 1.0mg/ml	100 ug

Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes
Western Blot (WB)	2-4ug/ml	

Product Details

Clone	CPS1/13933R
Immunogen	Recombinant fragment (around aa821-958) of the human Carbamoyl-Phosphate Synthetase protein (exact sequence is proprietary)
Host	Rabbit
Clonality	Monoclonal
Isotype / Light Chain	IgG / Kappa
Mol. Weight of Antigen	164.94kDa
Cellular Localization	Cell membrane, Mitochondrion, Nucleolus, Nucleus
Species Reactivity	Human
Positive Control	Primarily in the liver and small intestine

**Optimal dilution for a specific application should be determined.*

Product Images for Recombinant CPS1 / Carbamoyl-Phosphate Synthetase (Hepatocellular Marker) Antibody

Specificity & Comments

Involved in the urea cycle of ureotelic animals where the enzyme plays an important role in removing excess ammonia from the cell.

Supplied As

200ug/ml of Ab produced in a mammalian-based expression system. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

Antibody with azide - store at 2 to 8 °C. Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis.There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.