

UPB1 (PT0799R) PT™ Rabbit mAb

CatalogNo: YM8894 **Recombinant** 

Key Features

Host Species

- Rabbit

Reactivity

- Human

Applications

- WB,IHC,IP

MW

- 42kD (Observed)

Isotype

- IgG,Kappa

Recommended Dilution Ratios

WB 1:1000-5000

IHC 1:100-300

IP 1:50-100

Storage

Storage* -15°C to -25°C/1 year(Do not lower than -25°C)

Formulation PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA

Basic Information

Clonality Monoclonal

Clone Number PT0799R

Immunogen Information

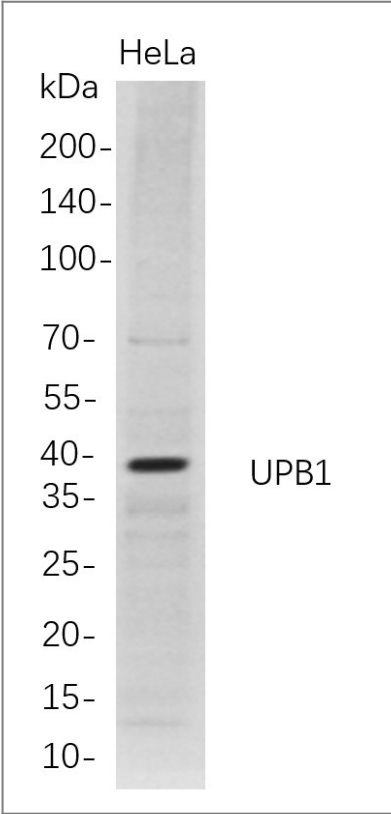
Specificity Endogenous

Target Information

Gene name UPB1;BUP1

Protein Name	Beta-ureidopropionase; BUP-1; Beta-alanine synthase; N-carbamoyl-beta-alanine amidohydrolase;		
	Organism	Gene ID	UniProt ID
	Human	51733 ;	Q9UBR1 ;
	Mouse	103149 ;	Q8VC97 ;
	Rat	116593 ;	Q03248 ;
Cellular Localization	Cytoplasm.		
Tissue specificity	Detected in liver (at protein level). {ECO:0000269 PubMed:22525402}.		
Function	Catalyzes a late step in pyrimidine degradation (PubMed:22525402, PubMed:24526388). Converts N-carbamoyl-beta-alanine (3-ureidopropanoate) into beta-alanine, ammonia and carbon dioxide (PubMed:10415095, PubMed:10542323, PubMed:11508704, PubMed:22525402, PubMed:24526388, PubMed:29976570). Likewise, converts N-carbamoyl-beta-aminoisobutyrate (3-ureidoisobutyrate) into beta-aminoisobutyrate, ammonia and carbon dioxide (Probable). {ECO:0000269 PubMed:10415095, ECO:0000269 PubMed:10542323, ECO:0000269 PubMed:11508704, ECO:0000269 PubMed:22525402, ECO:0000269 PubMed:24526388, ECO:0000269 PubMed:29976570, ECO:0000305 PubMed:22525402, ECO:0000305 PubMed:24526388}.		

Validation Data



Western Blot analysis of HeLa whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-UPB1 rabbit mAb. The HRP-conjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody.

| Contact information

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