

**Product Name: UPB1 Rabbit Monoclonal Antibody**  
**Catalog #: AMRe21230**



## Summary

<b>Production Name</b>	UPB1 Rabbit Monoclonal Antibody
<b>Description</b>	Rabbit Monoclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC,IP
<b>Reactivity</b>	Human

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG,Kappa
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
<b>Purification</b>	Protein A

## Immunogen

<b>Gene Name</b>	UPB1;BUP1
<b>Alternative Names</b>	UPB1;BUP1;Beta-ureidopropionase ;BUP-1;Beta-alanine synthase;N-carbamoyl-beta-alanine amidohydrolase;
<b>Gene ID</b>	51733.0
<b>SwissProt ID</b>	Q9UBR1.

## Application

<b>Dilution Ratio</b>	WB 1:1000-5000;IHC 1:100-300;IP 1:50-100
<b>Molecular Weight</b>	Calculated MW;;Observed MW:42kD

## Background

Cell localization:Cytoplasm..This gene encodes a protein that belongs to the CN hydrolase family. Beta-ureidopropionase

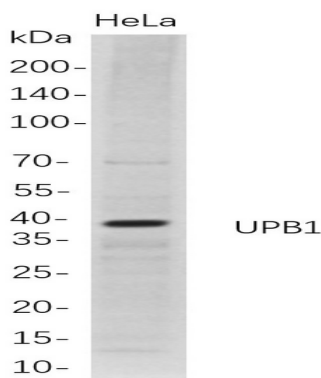
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catalyzes the last step in the pyrimidine degradation pathway. The pyrimidine bases uracil and thymine are degraded via the consecutive action of dihydropyrimidine dehydrogenase (DHPDH), dihydropyrimidinase (DHP) and beta-ureidopropionase (UP) to beta-alanine and beta-aminoisobutyric acid, respectively. UP deficiencies are associated with N-carbamyl-beta-amino aciduria and may lead to abnormalities in neurological activity. [provided by RefSeq, Jul 2008]

## Research Area

## Image 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.

## Note

For research use only.