



Datasheet for ABIN6568711 anti-UPB1 antibody



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1 Image

Overview

Quantity:	200 µL
Target:	UPB1
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This UPB1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant protein of human UPB1
Isotype:	IgG
Purification:	Affinity purification

Target Details

Target:	UPB1
Alternative Name:	UPB1 (UPB1 Products)
Background:	<p>Synonyms: AI195023,Beta alanine synthase,Beta ureidopropionase,BUP1,N carbamoyl beta alanine amidohydrolase,Ureidopropionase, beta</p> <p>Background: This gene encodes a protein that belongs to the CN hydrolase family. Beta-ureidopropionase catalyzes the last step in the pyrimidine degradation pathway. The pyrimidine bases uracil and thymine are degraded via the consecutive action of dihydropyrimidine</p>

Target Details

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.

Molecular Weight: Observed_MW: 43kDa
Calculated_MW: 43kDa

Gene ID: 51733

UniProt: [Q9UBR1](#)

Application Details

Application Notes: WB 1:200 - 1:2000

Restrictions: For Research Use only

Handling

Concentration: 1 mg/mL

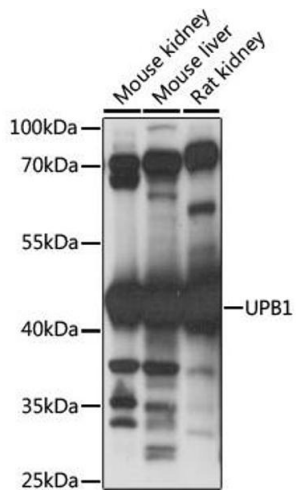
Buffer: Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using UPB1 antibody.