

UPB1 antibody - middle region
Rabbit Polyclonal Antibody
Catalog # AI12023**Specification**

UPB1 antibody - middle region - Product Information

Application	WB
Primary Accession	Q9UBR1
Other Accession	NM_016327 , NP_057411
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Goat, Horse, Bovine, Dog
Predicted	Human, Mouse, Rabbit, Zebrafish, Pig, Chicken, Horse, Bovine, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	42kDa KDa

UPB1 antibody - middle region - Additional Information**Gene ID** 51733

Alias Symbol	BUP1
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Other Names
Beta-ureidopropionase, 3.5.1.6, BUP-1, Beta-alanine synthase, N-carbamoyl-beta-alanine amidohydrolase, UPB1, BUP1

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 100 ul of distilled water. Final anti-UPB1 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

UPB1 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

UPB1 antibody - middle region - Protein Information**Name** UPB1**Synonyms** BUP1**Function**Catalyzes a late step in pyrimidine degradation (PubMed: [22525402](http://www.uniprot.org/citations/22525402), PubMed: [24526388](http://www.uniprot.org/citations/24526388)). Converts N-carbamoyl-beta-alanine (3-ureidopropanoate) into beta-alanine, ammonia and carbon dioxide

(PubMed:10542323, PubMed:11508704, PubMed:10415095, PubMed:29976570, PubMed:22525402, PubMed:24526388). Likewise, converts N-carbamoyl-beta- aminoisobutyrate (3-ureidoisobutyrate) into beta-aminoisobutyrate, ammonia and carbon dioxide (Probable).

Cellular Location

Cytoplasm.

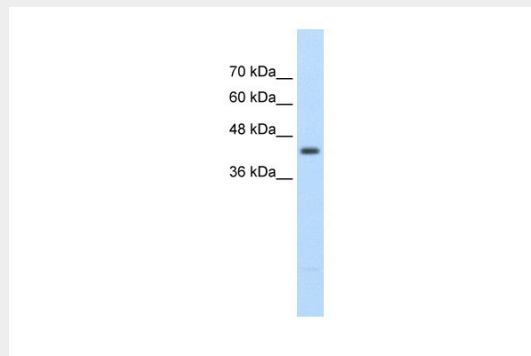
Tissue Location

Detected in liver (at protein level).

UPB1 antibody - middle region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

UPB1 antibody - middle region - Images

WB Suggested Anti-UPB1 Antibody Titration: 2.5µg/ml
Positive Control: Jurkat cell lysate

UPB1 antibody - middle region - References

van (2004) Hum. Mol. Genet. 13 (22), 2793-2801 Reconstitution and Storage:For short term use, store at 2-8C up to 1 week. For long term storage, store at -20C in small aliquots to prevent freeze-thaw cycles.Publications:Hu, Z. et al. Quantitative liver-specific protein fingerprint in blood: a signature for hepatotoxicity. Theranostics 4, 215-28 (2014). WB, Human, Bovine, Zebrafish, Rat, Dog, Pig, H, Rabbit, Guinea pig, Goat, Mouse24465277