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# Datasheet for ABIN2775432 anti-UPB1 antibody (Middle Region)

2 Images



### Overview

Quantity:	100 μL
Target:	UPB1
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Dog, Zebrafish (Danio rerio), Horse, Cow, Guinea Pig, Rabbit, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This UPB1 antibody is un-conjugated
Application:	Western Blotting (WB)

### Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human UPB1
Sequence:	NRVGTEHFPN EFTSGDGKKA HQDFGYFYGS SYVAAPDSSR TPGLSRSRDG
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 92%, Horse: 100%, Human: 100%, Mouse: 93%, Pig: 100%, Rabbit: 92%, Rat: 100%, Zebrafish: 92%
Characteristics:	This is a rabbit polyclonal antibody against UPB1. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified
Target Details	
Target:	UPB1

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## Target Details

Alternative Name:	UPB1 (UPB1 Products)
Background:	UPB1 is 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 dehydrogen
	Alias Symbols: BUP1
	Protein Size: 384
Molecular Weight:	43 kDa
Gene ID:	51733
NCBI Accession:	NM_016327, NP_057411
UniProt:	Q9UBR1

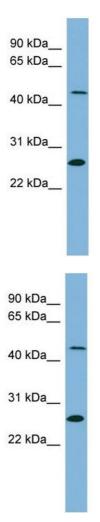
## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 384 AA
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 $\%$ (w/v) sodium azide and 2 $\%$ sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

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#### Western Blotting

**Image 1.** WB Suggested Anti-UPB1 Antibody Titration: 0.2-1 μg/mL Positive Control: PANC1 cell lysate UPB1 is supported by BioGPS gene expression data to be expressed in PANC1

#### Western Blotting

**Image 2.** WB Suggested Anti-UPB1 Antibody Titration: 0.2-1 ug/ml Positive Control: PANC1 cell lysate UPB1 is supported by BioGPS gene expression data to be expressed in PANC1

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