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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:	NRVGTEHFNP 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:	<p>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</p> <p>Alias Symbols: BUP1</p> <p>Protein Size: 384</p>
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.



Western Blotting

Image 1. WB Suggested Anti-UPB1

Antibody Titration: 0.2-1 $\mu\text{g}/\text{mL}$

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

$\mu\text{g}/\text{ml}$ Positive Control: PANC1 cell lysate UPB1 is supported

by BioGPS gene expression data to be expressed in PANC1