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# anti-UPP1 antibody (N-Term)





Publication



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Quantity:	100 μL
Target:	UPP1
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Cow, Horse, Rat, Zebrafish (Danio rerio), Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This UPP1 antibody is un-conjugated
Application:	Western Blotting (WB)

# **Product Details**

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human UPP1
Sequence:	AATGANAEKA ESHNDCPVRL LNPNIAKMKE DILYHFNLTT SRHNFPALFG
Predicted Reactivity:	Cow: 85%, Guinea Pig: 75%, Horse: 83%, Human: 100%, Mouse: 85%, Rat: 85%, Zebrafish: 83%
Characteristics:	This is a rabbit polyclonal antibody against UPP1. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

# **Target Details**

Target:	UPP1
Alternative Name:	UPP1 (UPP1 Products)

# Target Details

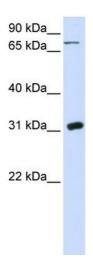
Background:	UPP1 catalyzes the reversible phosphorylytic cleavage of uridine and deoxyuridine to uracil and		
	ribose- or deoxyribose-1-phosphate. The produced molecules are then utilized as carbon and		
	energy sources or in the rescue of pyrimidine bases for nucleotide synthesis.		
	Alias Symbols: UDRPASE, UP, UPASE, UPP		
	Protein Interaction Partner: CTDP1, YRDC, WDR45B, WBP2, UCK2, UBE2D1, MPST, UBC, EBNA-		
	LP, VIM,		
	Protein Size: 310		
Molecular Weight:	34 kDa		
Gene ID:	7378		
NCBI Accession:	NM_003364, NP_003355		
UniProt:	Q16831		
Pathways:	Ribonucleoside Biosynthetic Process		
Application Details			
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.		
Comment:	Antigen size: 310 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.		

# **Publications**

Product cited in:

Lazrek, Goffard, Schanen, Karquel, Bocket, Lion, Devaux, Hedouin, Gosset, Hober: "Detection of hepatitis C virus antibodies and RNA among medicolegal autopsy cases in Northern France." in: **Diagnostic microbiology and infectious disease**, Vol. 55, Issue 1, pp. 55-8, (2006) (PubMed).

### **Images**



# **Western Blotting**

**Image 1.** WB Suggested Anti-UPP1 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:62500 Positive Control: 293T cell lysate