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# Datasheet for ABIN2778987 anti-PAIP1 antibody (N-Term)

1 Image

1 Publication



#### Overview

Quantity:	100 µL
Target:	PAIP1
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Horse, Dog, Rabbit, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PAIP1 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 PAIP1
Sequence:	MSDGFDRAPE QTRPLRAPPS SQDKIPQQNS ESAMAKPQVV VAPVLMSKLS
Predicted Reactivity:	Cow: 85%, Dog: 86%, Guinea Pig: 93%, Horse: 79%, Human: 100%, Mouse: 100%, Rabbit: 93%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against PAIP1. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified
Target Details	
Target:	PAIP1

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Target Details	
Alternative Name:	PAIP1 (PAIP1 Products)
Background:	PAIP1 interacts with poly(A)-binding protein and with the cap-binding complex eIF4A. It is
	involved in translational initiation and protein biosynthesis. Overexpression of this gene in COS7
	cells stimulates translation. The protein encoded by this gene interacts with poly(A)-binding
	protein and with the cap-binding complex eIF4A. It is involved in translational initiation and
	protein biosynthesis. Overexpression of this gene in COS7 cells stimulates translation.
	Alternative splicing occurs at this locus and three transcript variants encoding three distinct
	isoforms have been identified.The protein encoded by this gene interacts with poly(A)-binding
	protein and with the cap-binding complex eIF4A. It is involved in translational initiation and
	protein biosynthesis. Overexpression of this gene in COS7 cells stimulates translation.
	Alternative splicing occurs at this locus and three transcript variants encoding three distinct
	isoforms have been identified.
	Alias Symbols: MGC12360
	Protein Interaction Partner: PABPC1, WWP2, UBC, BMI1, PDCD4, ADSL, CBX6, UPF2, NUBP2,
	CAND1, UBR5, CUL3, SYNCRIP, CSDE1, HNRNPD, USP12, EIF4A1,
	Protein Size: 400
Molecular Weight:	46 kDa
Gene ID:	10605
NCBI Accession:	NM_182789, NP_877590
Application Details	
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 400 AA
Restrictions:	For Research Use only
Handling	
Format:	Liquid

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

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### Handling

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:	Huang, Chen, Wu, Huang, He, Tang, Wang, Wang: "The zebrafish miR-462/miR-731 cluster is
	induced under hypoxic stress via hypoxia-inducible factor $1\alpha$ and functions in cellular
	adaptations." in: FASEB journal : official publication of the Federation of American Societies
	for Experimental Biology, Vol. 29, Issue 12, pp. 4901-13, (2015) (PubMed).

#### Images

