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Datasheet for ABIN2779082 anti-PUM2 antibody (N-Term)

1 Image

1 Publication



Overview

Quantity:	100 μL
Target:	PUM2
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Dog, Cow, Horse, Rabbit, Pig, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PUM2 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 PUM2				
Sequence:	SSPADKLDSR FRKGNFGTRD AETDGPEKGD QKGKASPFEE DQNRDLKQGD				
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 93%, Horse: 100%, Human: 100%, Mouse: 100%, Pig: 100%, Rabbit: 100%, Rat: 100%				
Characteristics:	This is a rabbit polyclonal antibody against PUM2. It was validated on Western Blot using a cell lysate as a positive control.				
Purification:	Protein A purified				
Target Details					
Target:	PUM2				

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Target Details					
Alternative Name:	PUM2 (PUM2 Products)				
Background:	PUM2 is a sequence-specific RNA-binding protein that regulates translation and mRNA stabilit				
	by binding the 3'-UTR of mRNA targets. Its interactions and tissue specificity suggest that it may be required to support proliferation and self-renewal of stem cells by regulating the translation of key transcripts.				
	Alias Symbols: KIAA0235, PUMH2, PUML2 Protein Interaction Partner: NANOS3, BMI1, gag-pol, UBC, DAZL, DAZ1, ELAVL1, MED4, AURKA, NANOS1, DAZ2, DAZ4, PUM2, MED23, IKZF5,				
	Protein Size: 1064				
Molecular Weight:	117 kDa				
Gene ID:	23369				
NCBI Accession:	NM_015317, NP_056132				
Pathways:	Ribonucleoprotein Complex Subunit Organization				
Application Details					
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.				
Comment:	Antigen size: 1064 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:

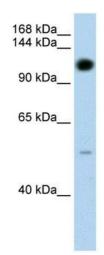
For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

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Publications

Product cited in:Sugatani, Nishitani, Yamakawa, Yoshinari, Sueyoshi, Negishi, Miwa: "Transcriptional regulation
of human UGT1A1 gene expression: activated glucocorticoid receptor enhances constitutive
androstane receptor/pregnane X receptor-mediated UDP-glucuronosyltransferase 1A1
regulation with glucocorticoid receptor-interacting protei" in: Molecular pharmacology, Vol. 67,
Issue 3, pp. 845-55, (2005) (PubMed).

Images



				Western Blotting								
mage I. V	VB Sugg	jested	Anti-PUM2	Antibody	Titration:							
1.25ug/ml	ELISA	Titer:	1:62500	Positive	Control:							
Transfected 293T												

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