Datasheet for ABIN2779083

anti-PUM2 antibody (N-Term)

1 Image

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Overview

Quantity:	100 µL
Target:	PUM2
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Dog, Cow, Horse, Rabbit, Guinea Pig, Zebrafish (Danio rerio)
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:	MNHDFQALAL ESRGMGELLP TKKFWEPDDS TKDGQKGIFL GDDEWRETAW
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 79%
Characteristics:	This is a rabbit polyclonal antibody against PUM2. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	PUM2

Target Details

Alternative Name:	PUM2 (PUM2 Products)
Background:	PUM2 is a sequence-specific RNA-binding protein that regulates translation and mRNA stability 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: FLJ36528, KIAA0235, MGC138251, MGC138253, 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:	114 kDa
Gene ID:	23369
NCBI Accession:	NM_015317, NP_056132
UniProt:	B3KSL0
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

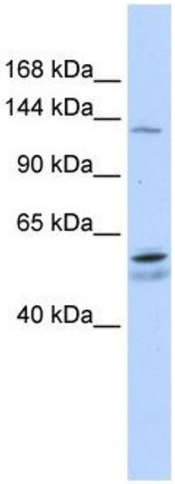
Handling

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

Handling

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.

Images



Western Blotting

Image 1. WB Suggested Anti-PUM2 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: Human Liver