



[Go to Product page](#)

Datasheet for ABIN391821  
**anti-PUM2 antibody (N-Term)**

2 Images

Overview

Quantity:	400 µL
Target:	PUM2
Binding Specificity:	AA 133-162, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PUM2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This PUM2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 133-162 amino acids from the N-terminal region of human PUM2.
Clone:	RB10534
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	PUM2
Alternative Name:	PUM2 ( <a href="#">PUM2 Products</a> )
Background:	PUM2 is a member of the PUF family, evolutionarily conserved RNA-binding proteins related to

## Target Details

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the Pumilio proteins of Drosophila and the fem-3 mRNA binding factor proteins of C. elegans. This protein contains a sequence-specific RNA binding domain comprised of eight repeats and N- and C-terminal flanking regions, and serves as a translational regulator of specific mRNAs by binding to their 3' untranslated regions. The evolutionarily conserved function of this protein in invertebrates and lower vertebrates suggests that the human protein may be involved in translational regulation of embryogenesis, and cell development and differentiation.

Molecular Weight:	114216
Gene ID:	23369
NCBI Accession:	<a href="#">NP_056132</a>
UniProt:	<a href="#">Q8TB72</a>
Pathways:	<a href="#">Ribonucleoprotein Complex Subunit Organization</a>

## Application Details

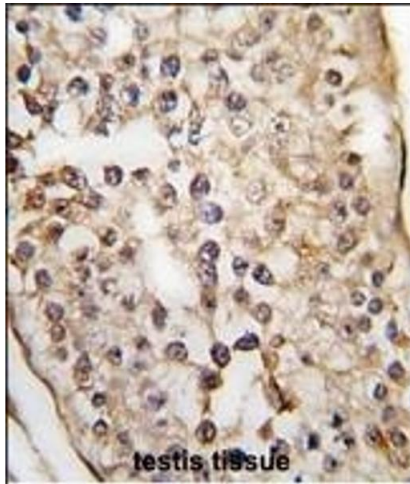
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Application Notes:	WB: 1:1000. IHC-P: 1:10~50
Restrictions:	For Research Use only

## Handling

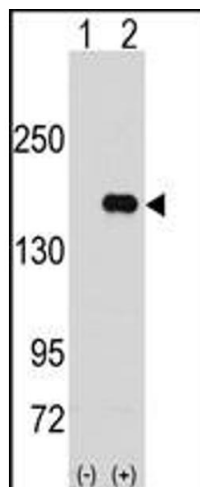
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Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Formalin-fixed and paraffin-embedded human testis tissue reacted with PUM2 Antibody (C-term) (ABIN391821 and ABIN2841667), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated.



### Western Blotting

**Image 2.** Western blot analysis of PUM2 (arrow) using rabbit polyclonal PUM2 Antibody (N-term) (ABIN391821 and ABIN2841667). 293 cell lysates (2 µg/lane) either nontransfected (Lane 1) or transiently transfected with the PUM2 gene (Lane 2) (Origene Technologies).