

Datasheet for ABIN2778908

**anti-PABPN1 antibody (N-Term)**

5 Images

1 Publication

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## Overview

Quantity:	100 µL
Target:	PABPN1
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Dog, Rat, Rabbit, Cow, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PABPN1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunocytochemistry (ICC)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human PABPN1
Sequence:	MAAAAAAAAA AGAAGGRGSG PGRRRHLVPG AGGEAGEGAP GGAGDYGNGL
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Human: 100%, Mouse: 93%, Rabbit: 100%, Rat: 93%
Characteristics:	This is a rabbit polyclonal antibody against PABPN1. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

## Target Details

Target:	PABPN1
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## Target Details

Alternative Name:	PABPN1 ( <a href="#">PABPN1 Products</a> )
Background:	<p>This gene encodes an abundant nuclear protein that binds with high affinity to nascent poly(A) tails. The protein is required for progressive and efficient polymerization of poly(A) tails on the 3' ends of eukaryotic genes and controls the size of the pol</p> <p>Alias Symbols: OPMD, PAB2, PABP2, PABII, PABP-2</p> <p>Protein Interaction Partner: ARIH2, UBC, STAU1, MDM2, EED, BMI1, SUZ12, YWHAQ, IL7R, GAPDH, CAND1, COPS5, CUL1, CUL2, CUL3, CUL5, ELAVL1, TARDBP, PRMT3, SNW1, TNPO1, HNRNPA1, DNAJB4, SMARCA4, MYOD1, CARM1,</p> <p>Protein Size: 306</p>
Molecular Weight:	33 kDa
Gene ID:	8106
NCBI Accession:	<a href="#">NM_004643</a> , <a href="#">NP_004634</a>
UniProt:	<a href="#">Q86U42</a>

## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 306 AA
Restrictions:	For Research Use only

## Handling

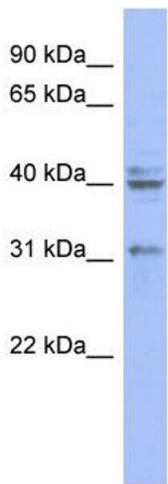
Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained 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: Huang, Chen, Wu, Huang, He, Tang, Wang, Wang: "The zebrafish miR-462/miR-731 cluster is induced under hypoxic stress via hypoxia-inducible factor 1α 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



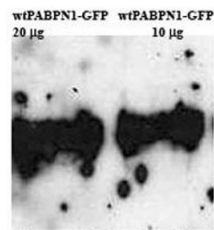
**Western Blotting**

**Image 1. WB Suggested Anti-PABPN1 Antibody Titration:**

0.2-1 ug/ml

**ELISA Titer:** 1:62500

**Positive Control:** NCI-H226 cell lysate



**PABPN1 antibody**  
75 kDa

**PABPN1(ARP40539\_P050)**  
Western Blot  
transfected C2C12  
muscle cells  
Dilution: 1.25ug/ml  
Application data in forum

Submitted by:  
Aida Abu-Baker  
Centre de Recherche du CHUM

**Figure 1: Western blot analysis of PABPN1.**

**Western Blotting**

**Image 2.**

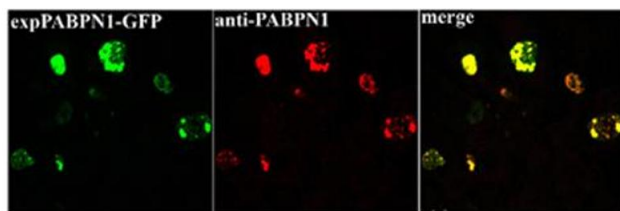


Figure 3: Confocal images showing co-localization of expPABPN1-GFP with PABPN1.

**PABPN1(ARP40539\_P050)**

Immunocytochemistry

C2C12 cells transfected with expPANBPN1-GFP

Dilution: 1 to 200

Application data in forum

Submitted by:  
Aida Abu-Baker  
Centre de Recherche du CHUM

### Immunocytochemistry

**Image 3.** Immunocytochemistry -- Sample Type: C2C12 cells transfected with expPANBPN1-GFP Dilution: 1:200

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN2778908.