



[Go to Product page](#)

Datasheet for ABIN2778247

## anti-PKNOX1 antibody (Middle Region)

### 2 Images

#### Overview

Quantity:	100 µL
Target:	PKNOX1
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Zebrafish (Danio rerio), Cow, Dog, Guinea Pig, Horse, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PKNOX1 antibody is un-conjugated
Application:	Western Blotting (WB)

#### Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human PKNOX1
Sequence:	VTVVTPQGQV VTQTLSPGTI RIQNSQLQLQ LNQDLSILHQ DDGSSKNKRG
Predicted Reactivity:	Cow: 92%, Dog: 92%, Guinea Pig: 92%, Horse: 92%, Human: 100%, Mouse: 92%, Rabbit: 92%, Rat: 92%, Zebrafish: 92%
Characteristics:	This is a rabbit polyclonal antibody against PKNOX1. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

#### Target Details

Target:	PKNOX1
---------	--------

## Target Details

---

Alternative Name:	PKNOX1 ( <a href="#">PKNOX1 Products</a> )
Background:	<p>The specific function of PKNOX1 is not yet known.</p> <p>Alias Symbols: PREP1, pkonx1c</p> <p>Protein Interaction Partner: HMGB2, VPS37C, APP, TFAP4, POU2F1, ZBTB3, RFX3, PBX2, PBX1, MEIS1, TLX1, HOXD9, HOXB7, HOXB6, PAX6, HOXA1,</p> <p>Protein Size: 436</p>
Molecular Weight:	47 kDa
Gene ID:	5316
NCBI Accession:	<a href="#">NM_004571</a> , <a href="#">NP_004562</a>
UniProt:	<a href="#">P55347</a>

## Application Details

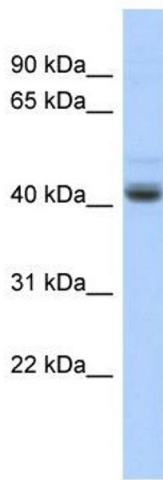
---

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 436 AA
Restrictions:	For Research Use only

## Handling

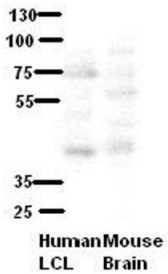
---

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.



### Western Blotting

**Image 1.** WB Suggested Anti-PKNOX1 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:62500 Positive Control: COLO205 cell lysate There is BioGPS gene expression data showing that PKNOX1 is expressed in COLO205



(ARP34067\_P050)

**PKNOX1**

Western Blot

Human LCL and Mouse Brain

Dilution: 1 to 500

5% Milk

Application data in forum

**PKNOX- 47 kDa**

Submitted by:  
Katheleen Gardiner  
University of Colorado Denver

**Image 2.**