

Datasheet for ABIN2777892  
**anti-PKNOX2 antibody (N-Term)**



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1 Image

## Overview

Quantity:	100 µL
Target:	PKNOX2
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Dog, Horse, Rabbit, Cow, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human PKNOX2
Sequence:	ATQNVPPPPY QDSPQMTATA QPPSKAQAVH ISAPSAAAST PVPSAPIDPQ
Predicted Reactivity:	Cow: 92%, Dog: 100%, Guinea Pig: 92%, Horse: 100%, Human: 100%, Mouse: 92%, Rabbit: 100%
Characteristics:	This is a rabbit polyclonal antibody against PKNOX2. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Protein A purified

## Target Details

Target:	PKNOX2
Alternative Name:	PKNOX2 ( <a href="#">PKNOX2 Products</a> )

## Target Details

Background:	<p>PKNOX2 is a TALE homeodomain protein that shows distinct homology with PKNOX1. It may interact with PBX proteins and play a tissue-specific regulation of transcription.</p> <p>Alias Symbols: PREP2</p> <p>Protein Interaction Partner: HOXB1,</p> <p>Protein Size: 306</p>
Molecular Weight:	34 kDa
Gene ID:	63876
NCBI Accession:	<a href="#">NM_022062</a> , <a href="#">NP_071345</a>
UniProt:	<a href="#">Q9H921</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.



Western Blotting

**Image 1.** WB Suggested Anti-PKNOX2 Antibody Titration:  
1.25ug/ml ELISA Titer: 1:62500 Positive Control: Jurkat cell lysate