

Datasheet for ABIN2778062  
**anti-Pirin antibody (C-Term)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	100 µL
Target:	Pirin (PIR)
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Rabbit, Guinea Pig, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Pirin antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human PIR
Sequence:	SHFVLIAGEP LREPVIQHGP FVMNTNEEIS QAILDFRNAK NGFERAKTWK
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 93%, Human: 100%, Mouse: 100%, Pig: 100%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against PIR. It was validated on Western Blot and immunohistochemistry.
Purification:	Protein A purified

## Target Details

Target:	Pirin (PIR)
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## Target Details

Alternative Name:	PIR ( <a href="#">PIR Products</a> )
Background:	<p>PIR is a member of the cupin superfamily. The protein is an Fe(II)-containing nuclear protein expressed in all tissues of the body and concentrated within dot-like subnuclear structures. Interactions with nuclear factor I/CCAAT box transcription factor as well as B cell lymphoma 3-encoded oncoprotein suggest the protein may act as a transcriptional cofactor and be involved in the regulation of DNA transcription and replication. This gene encodes a member of the cupin superfamily. The encoded protein is an Fe(II)-containing nuclear protein expressed in all tissues of the body and concentrated within dot-like subnuclear structures. Interactions with nuclear factor I/CCAAT box transcription factor as well as B cell lymphoma 3-encoded oncoprotein suggest the encoded protein may act as a transcriptional cofactor and be involved in the regulation of DNA transcription and replication. Alternatively spliced transcript variants have been described.</p> <p>Protein Interaction Partner: SMAD9, UBL7, SPEN, SUGT1, STAM, PSMB2, PPP2CA, CLNS1A, ARHGDI, NFIX, NFKBIA, BCL3,</p> <p>Protein Size: 290</p>
Molecular Weight:	32 kDa
Gene ID:	8544
NCBI Accession:	<a href="#">NM_003662</a> , <a href="#">NP_003653</a>
UniProt:	<a href="#">O00625</a>

## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 290 AA
Restrictions:	For Research Use only

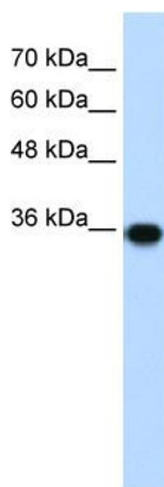
## Handling

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

## Handling

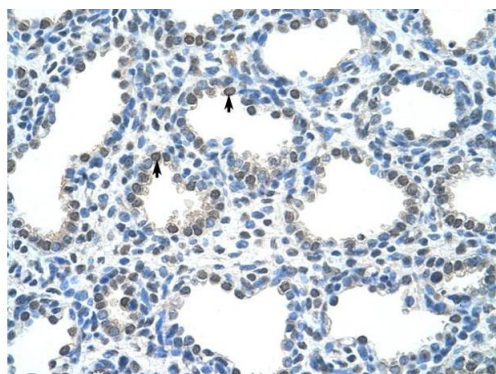
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

## Images



### Western Blotting

**Image 1.** WB Suggested Anti-PIR Antibody Titration:  
1.25ug/ml Positive Control: HepG2 cell lysate



Rabbit Anti-PIR Antibody  
Catalog Number: ARP33664  
Lot Number: QC11744  
Paraffin Embedded Tissue: Human Lung  
Cells with Positive label: Alveolar cells (Indicated with Arrows)  
Antibody Concentration: 4.0-8.0 µg/ml  
Magnification: 400X

### Immunohistochemistry

**Image 2.** Human Lung