

## Product datasheet for **TA334214**

### Pirin (PIR) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB, IHC
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-PIR antibody: synthetic peptide directed towards the C terminal of human PIR. Synthetic peptide located within the following region: SHFVLIAGEPLREPVIQHGPVMMNTNNEISQAILDFRNAKNGFERAKTWK
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Protein A purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	32 kDa
Gene Name:	pirin
Database Link:	<a href="#">NP_003653</a> <a href="#">Entrez Gene 8544 Human</a> <a href="#">O00625</a>



[View online »](#)

**Background:**

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.

**Synonyms:**

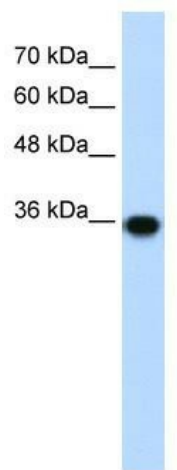
OTTHUMP00000022961; OTTHUMP00000022962; pirin; pirin (iron-binding nuclear protein)

**Note:**

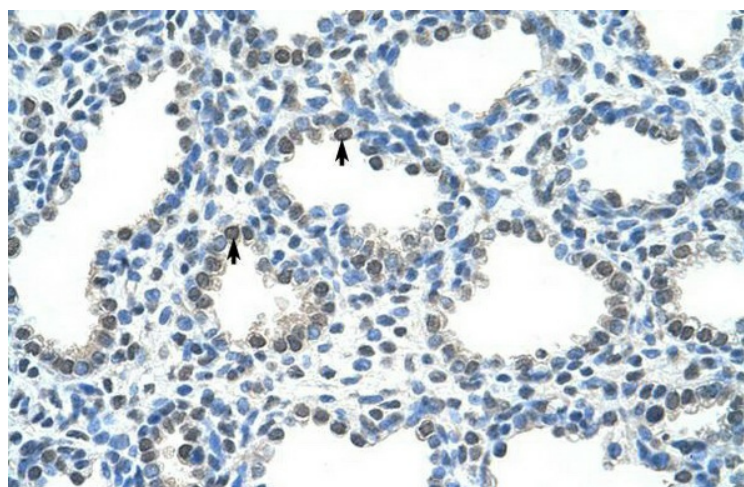
Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Human: 100%; Mouse: 100%; Bovine: 100%; Rabbit: 100%; Guinea pig: 93%

**Protein Families:**

Transcription Factors

**Product images:**

WB Suggested Anti-PIR Antibody Titration: 1.25 ug/ml; Positive Control: HepG2 cell lysate



Human Lung