

Product datasheet for **TA334215**

Pirin (PIR) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
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: EPHHTAVLGE GDSVQVENKDPKRSHFVLIAGEPLREPVIQHGPFVMNTNE
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:	NP_003653 Entrez Gene 8544 Human O00625



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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:

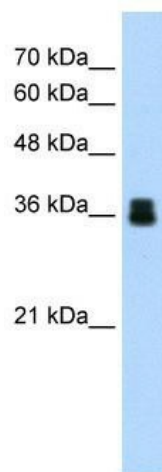
OTTHUMP00000022961; OTTHUMP00000022962; pirin; pirin (iron-binding nuclear protein)

Note:

Immunogen Sequence Homology: Human: 100%; Dog: 93%; Pig: 93%; Rat: 93%; Mouse: 93%; Rabbit: 93%; Guinea pig: 93%; Bovine: 86%; Zebrafish: 79%

Protein Families:

Transcription Factors

Product images:

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