

## Product datasheet for **TA302574**

### Pirin (PIR) Goat Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	ELISA: 1:128,000. WB: 0.3 - 1.0 µg/ml.
Reactivity:	Human (Expected from sequence similarity: Mouse)
Host:	Goat
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Peptide with sequence GSSKKVTLVLSREC, from the N Terminus of the protein sequence according to NP_003653.
Formulation:	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Concentration:	lot specific
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	35738 Da
Gene Name:	pirin
Database Link:	<a href="#">NP_003653</a> <a href="#">Entrez Gene 69656 Mouse</a> <a href="#">Entrez Gene 8544 Human</a> <a href="#">O00625</a>



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**Background:**

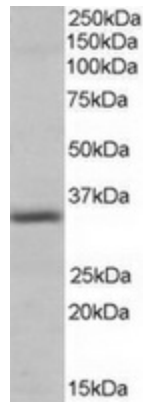
This gene encodes a member of the cupin superfamily. The encoded protein is an Fe(II)-containing nuclear protein expressed in all tissues of the body and concentrated within dot-like subnuclear structures. Interactions with nuclear factor I/CCAAT box transcription factor as well as B cell lymphoma 3-encoded 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)

**Protein Families:**

Transcription Factors

**Product images:**

TA302574 (0.3ug/ml) staining of Human Heart lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.