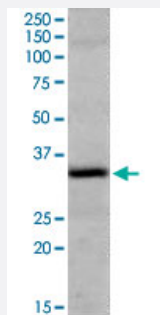


PIR polyclonal antibody

Catalog # PAB6662

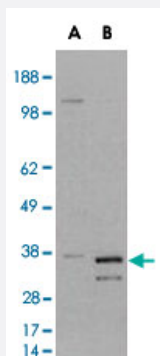
Size 100 ug

Applications



Western Blot (Tissue lysate)

PIR polyclonal antibody (Cat # PAB6662) (0.3 ug/mL) staining of human heart lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



Western Blot (Transfected lysate)

HEK293 overexpressing PIR and probed with PIR polyclonal antibody (Cat # PAB6662) (mock transfection in first lane), tested by Origene.

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of PIR.
Immunogen	A synthetic peptide corresponding to human PIR.
Sequence	GSSKKVTL SVLSREC
Host	Goat
Theoretical MW (kDa)	32.1
Reactivity	Human

Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.
Recommend Usage	ELISA (1:128000) Western Blot (0.3-1 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

PIR polyclonal antibody (Cat # PAB6662) (0.3 ug/mL) staining of human heart lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

- Western Blot (Transfected lysate)

HEK293 overexpressing PIR and probed with PIR polyclonal antibody (Cat # PAB6662) (mock transfection in first lane), tested by Origene.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — PIR

Entrez GeneID	8544
Protein Accession#	NP_003653
Gene Name	PIR
Gene Alias	-
Gene Description	pirin (iron-binding nuclear protein)
Omim ID	603329

Gene Ontology

[Hyperlink](#)

Gene Summary

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. [provided by RefSeq]

Other Designations

OTTHUMP00000022961|OTTHUMP00000022962|pirin

Publication Reference

- [Identification of pirin, a novel highly conserved nuclear protein.](#)

Wendler WM, Kremmer E, Forster R, Winnacker EL.

The Journal of Biological Chemistry 1997 Mar; 272(13):8482.

Application: IF, IP, WB-Ce, Bovine, Dog, Human, Monkey, Mouse, Rat, 3T6, C6, COS-7, HeLa, K1, MDBK cells