

ARG63633 anti-Pirin antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes Pirin
Tested Reactivity	Hu
Predict Reactivity	Ms
Tested Application	IHC-P, WB
Specificity	Variants (NP_003653.1; NP_001018119.1) encode the same protein
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	Pirin
Species	Human
Immunogen	GSSKKVTLVLSREC
Conjugation	Un-conjugated
Alternate Names	EC 1.13.11.24; Probable quercetinase; Pirin; Probable quercetin 2,3-dioxygenase PIR

Application Instructions

Application table	Application	Dilution
	IHC-P	5 µg/ml
	WB	0.3 - 1.0 µg/ml
Application Note	WB: Recommend incubate at RT for 1h. IHC-P: Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed

before use.

Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links

[GeneID: 8544 Human](#)

[Swiss-port # O00625 Human](#)

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. [provided by RefSeq, Jul 2008]

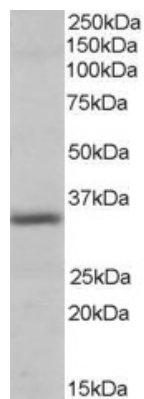
Research Area

Controls and Markers antibody; Gene Regulation antibody

Calculated Mw

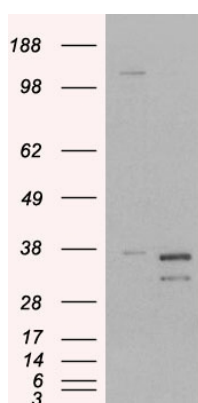
32 kDa

Images



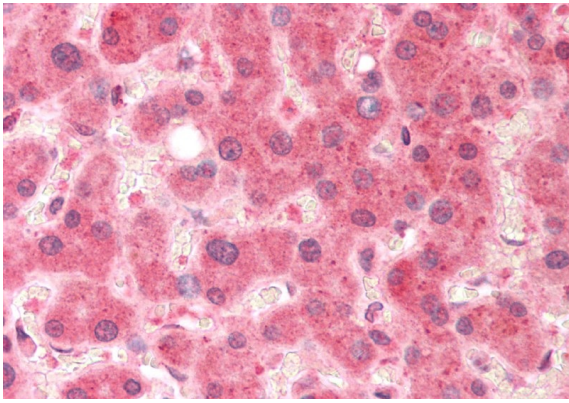
ARG63633 anti-Pirin antibody WB image

Western Blot: Human Heart lysate (35 µg protein in RIPA buffer) stained with ARG63633 anti-Pirin antibody at 0.3 µg/ml dilution.



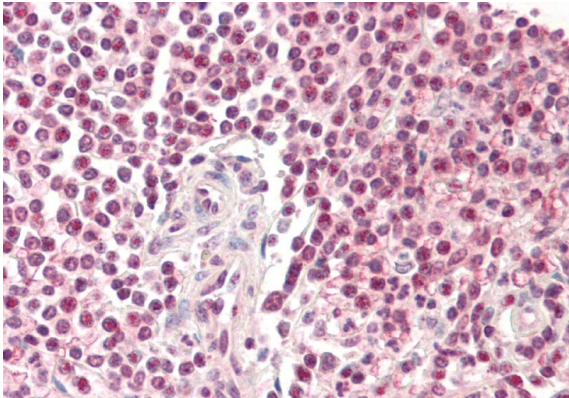
ARG63633 anti-Pirin antibody WB image

Western Blot: 1). Mock transfection; 2) PIR (RC223111) expressing plasmid transfected HEK293 cell lysate stained with ARG63633 anti-Pirin antibody



ARG63633 anti-Pirin antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human liver tissue.
Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). The tissue section was stained with ARG63633 anti-Pirin antibody at 5 μ g/ml dilution followed by AP-staining.



ARG63633 anti-Pirin antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human spleen tissue.
Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). The tissue section was stained with ARG63633 anti-Pirin antibody at 5 μ g/ml dilution followed by AP-staining.
