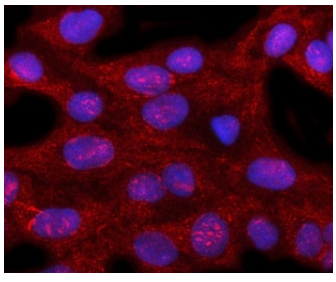
Pirin Antibody / PIR (RQ8800)

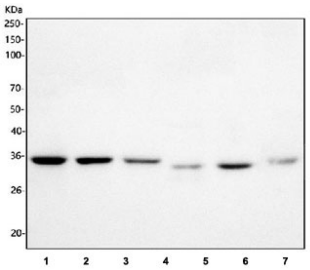
Catalog No.	Formulation	Size
RQ8800	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

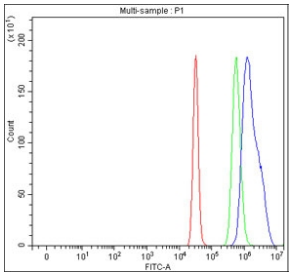
Availability	1-3 days
Species Reactivity	Human, Monkey, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity chromatography
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	O00625
Localization	Cytoplasm, Nucleus
Applications	Western Blot : 1-2ug/ml Immunofluorescence : 5ug/ml Flow Cytometry : 1-3ug/million cells ELISA : 0.1-0.5ug/ml
Limitations	This Pirin antibody is available for research use only.



Immunofluorescent staining of FFPE human U-2 OS cells with Pirin antibody (red) and DAPI nuclear stain (blue). HIER: steam section in pH6 citrate buffer for 20 min.



Western blot testing of 1) human HepG2, 2) human HeLa, 3) monkey COS-7, 4) rat heart, 5) rat RH35 and 6) mouse NIH 3T3 cell lysate with Pirin antibody. Predicted molecular weight ~32 kDa.



Flow cytometry testing of fixed and permeabilized human HepG2 cells with Pirin antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= Pirin antibody.

Description

Pirin is a protein that in humans is encoded by the PIR gene. 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.

Application Notes

Optimal dilution of the Pirin antibody should be determined by the researcher.

Immunogen

An E.coli-derived human recombinant protein (amino acids K5-Q266) was used as the immunogen for the Pirin antibody.

Storage

After reconstitution, the Pirin antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com
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