

## CIR Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP1417a

### Product Information

---

Application	WB, E
Primary Accession	<a href="#">Q86X95</a>
Reactivity	Human, Rat, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	52313
Antigen Region	60-88

### Additional Information

---

Gene ID	9541
Other Names	Corepressor interacting with RBPJ 1, CBF1-interacting corepressor, Recepin, CIR1, CIR
Target/Specificity	This CIR antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 60-88 amino acids from the N-terminal region of human CIR.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	CIR Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

### Protein Information

---

Name	CIRSR ( <a href="#">HGNC:24217</a> )
Synonyms	CIR, CIR1
Function	May modulate splice site selection during alternative splicing of pre-mRNAs (By similarity). Regulates transcription and acts as corepressor for RBPJ. Recruits RBPJ to the Sin3-histone deacetylase complex (HDAC). Required for

RBPJ-mediated repression of transcription.

#### Cellular Location

Nucleus speckle {ECO:0000250|UniProtKB:Q9DA19}. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome. Note=Colocalizes with NEK6 in the centrosome.

#### Tissue Location

Highly expressed in heart, brain, placenta, liver, skeletal muscle and pancreas.

## Background

---

CIR may modulate splice site selection during alternative splicing of pre-mRNAs. It regulates transcription and acts as corepressor for RBPSUH. It recruits RBPSUH to the Sin3-histone deacetylase complex (HDAC) and is required for RBPSUH-mediated repression of transcription.

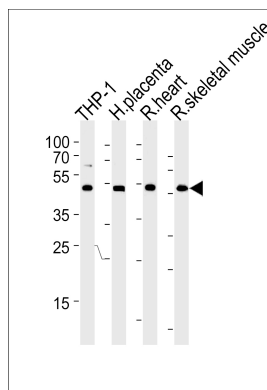
## References

---

Olsen,J.V., Cell 127 (3), 635-648 (2006)  
Maita,H., Exp. Cell Res. 303 (2), 375-387 (2005)  
Zhou,S., Mol. Cell. Biol. 21 (18), 6222-6232 (2001)

## Images

---



CIR Antibody (N-term) (Cat. #AP1417a) western blot analysis in THP-1 cell line,human placenta,rat heart and skeletal muscle lysates (35ug/lane).This demonstrates the CIR antibody detected the CIR protein (arrow).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.