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CIR Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP1417b

Specification

CIR Antibody (C-term) Blocking Peptide - Product Information

Primary Accession Q86X95

CIR Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 9541

Other Names
Corepressor interacting with RBPJ 1, CBF1-interacting corepressor, Recepin, CIR1, CIR

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP1417b was selected from the C-term region of human CIR. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

CIR Antibody (C-term) Blocking Peptide - Protein Information

Name CIR1

Synonyms CIR

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. 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.

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CIR Antibody (C-term) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Blocking Peptides

CIR Antibody (C-term) Blocking Peptide - Images

CIR Antibody (C-term) Blocking Peptide - 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.

CIR Antibody (C-term) Blocking Peptide - 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)