10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Goat anti-CIRBP (aa 161-172), Biotinylated Antibody

Peptide-affinity purified goat antibody
Catalog # AF4392a

Specification

Goat anti-CIRBP (aa 161-172), Biotinylated Antibody - Product Information

Application	**WB, IHC, Pep-ELISA**
Primary Accession	Q14011
Other Accession	NP_001271.1
Reactivity	**Human, Mouse, Rat, Dog, Bovine**
Host	**Goat**
Clonality	**Polyclonal**
Calculated MW	**18648**

Goat anti-CIRBP (aa 161-172), Biotinylated Antibody - Additional Information

Gene ID 1153

Other Names
CIRBP; cold inducible RNA binding protein; CIRP; A18 hnRNP; cold inducible RNA-binding protein; glycine-rich RNA binding protein

Dilution
WB~~1:1000
IHC~~1:100~500
Pep-ELISA~~N/A

Format
Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.

Immunogen
This antibody is expected to recognize reported isoform 1 (NP_001271.1) only.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
Goat anti-CIRBP (aa 161-172), Biotinylated Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Goat anti-CIRBP (aa 161-172), Biotinylated Antibody - Protein Information

Name CIRBP

Synonyms A18HNRNP, CIRP

Function
Cold-inducible mRNA binding protein that plays a protective role in the genotoxic stress response by stabilizing transcripts of genes involved in cell survival. Acts as a translational activator. Seems to play an essential role in cold-induced suppression of cell proliferation. Binds specifically to the 3'-untranslated regions (3'- UTRs) of stress-responsive transcripts RPA2 and TXN. Acts as a translational repressor (By similarity). Promotes assembly of stress granules (SGs), when overexpressed.

Cellular Location
Nucleus, nucleoplasm. Cytoplasm Note=Translocates from the nucleus to the cytoplasm after exposure to UV radiation. Translocates from the nucleus to the cytoplasm into stress granules upon various cytoplasmic stresses, such as osmotic and heat shocks. Its recruitment into stress granules occurs in the absence of TIAR proteins (By similarity).

Tissue Location
Ubiquitous.

Goat anti-CIRBP (aa 161-172), Biotinylated Antibody - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Goat anti-CIRBP (aa 161-172), Biotinylated Antibody - Images