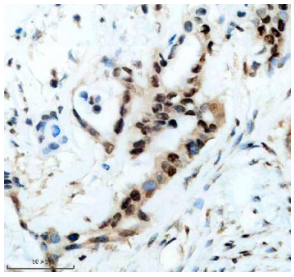
CIRBP Antibody / Cold-inducible RNA-binding protein [clone 26C38] (RQ8908)

Catalog No.	Formulation	Size
RQ8908	Antibody in PBS with 0.02% sodium azide, 50% glycerol and 0.4-0.5mg/ml BSA	100 ul

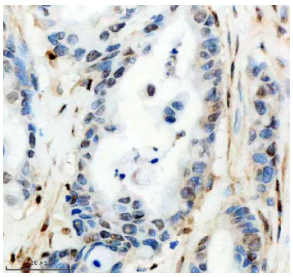
Recombinant RABBIT MONOCLONAL

Bulk quote request

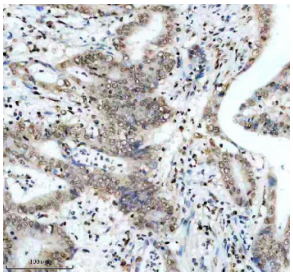
Availability	1-3 days
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Recombinant Rabbit Monoclonal
Isotype	Rabbit IgG
Clone Name	26C38
Purity	Affinity chromatography
UniProt	Q14011
Localization	Nuclear, cytoplasmic
Applications	Western blot: 1:500 Immunohistochemistry (FFPE): 1:50
Limitations	This CIRBP antibody is available for research use only.



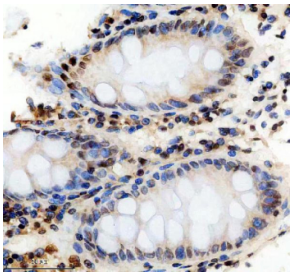
IHC staining of FFPE human pancreas cancer tissue with CIRBP antibody, HRP-secondary and DAB substrate. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



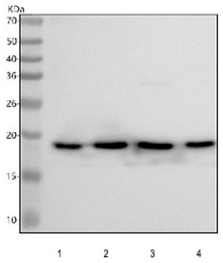
IHC staining of FFPE human pancreas cancer tissue with CIRBP antibody, HRP-secondary and DAB substrate. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



IHC staining of FFPE human colon cancer tissue with PHF8 antibody, HRP-secondary and DAB substrate. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



IHC staining of FFPE human colon tissue with PHF8 antibody, HRP-secondary and DAB substrate. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



Western blot testing of human 1) HepG2, 2) RT4, 3) U-251 and 4) HEL cell lysate with CIRBP antibody. Predicted molecular weight: 19-28 kDa (multiple isoforms).

Description

Cold-inducible RNA-binding protein (CIRBP) is a stress-response protein that binds to RNA and modulates mRNA stability and translation. It is upregulated in response to mild hypothermia, ultraviolet radiation, and other cellular stressors, helping to regulate gene expression under challenging environmental conditions.

CIRBP plays roles in cell proliferation, circadian rhythm regulation, and protection against apoptosis. It has been implicated in processes such as spermatogenesis, inflammation, and tumor progression. Altered CIRBP expression or function can influence cellular stress adaptation and disease development, making it a valuable target for molecular and biomedical research.

Using a high-quality CIRBP antibody allows precise detection in applications such as western blot, immunohistochemistry, and immunofluorescence. A CIRBP antibody from NSJ Bioreagents ensures reproducibility and sensitivity for studies in stress response biology, RNA regulation, and disease mechanisms. Selecting the right CIRBP antibody is essential for generating consistent and reliable experimental results.

Application Notes

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

Immunogen

A peptide sequence specific to Cold-inducible RNA-binding protein was used as the immunogen for the CIRBP antibody.

Storage

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

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