

Datasheet for ABIN951531
anti-CIRBP antibody (C-Term)[Go to Product page](#)

3 Images

Overview

Quantity:	0.4 mL
Target:	CIRBP
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CIRBP antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide selected from the C-terminal region of human CIRBP
Isotype:	Ig Fraction
Specificity:	This antibody reacts to CIRBP.
Cross-Reactivity (Details):	Species reactivity (tested):Human.
Purification:	Affinity chromatography on Protein A

Target Details

Target:	CIRBP
Alternative Name:	CIRBP (CIRBP Products)

Target Details

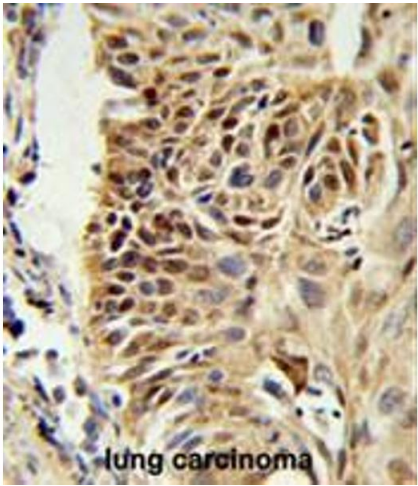
Background:	CIRBP is cold-inducible mRNA binding protein that plays a protective role in the genotoxic stress response by stabilizing transcripts of genes involved in cell survival. It acts as a translational activator and seems to play an essential role in cold-induced suppression of cell proliferation. It binds specifically to the 3'-untranslated regions (3'-UTRs) of stress-responsive transcripts RPA2 and TXN. This protein acts as a translational repressor (By similarity) and promotes assembly of stress granules (SGs), when overexpressed.Synonyms: A18HNRNP, CIRP, Cold-inducible RNA-binding protein, Glycine-rich RNA-binding protein CIRP
Molecular Weight:	18648 Da
Gene ID:	1153
NCBI Accession:	NP_001271
Pathways:	Ribonucleoprotein Complex Subunit Organization

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

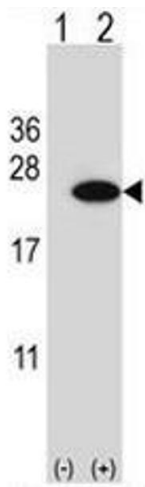
Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS, 0.09 % (W/V) sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. CIRBP Antibody (C-term) IHC analysis in formalin fixed and paraffin embedded human lung carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the CIRBP Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



Western Blotting

Image 2. Western blot analysis of CIRBP (arrow) using rabbit polyclonal CIRBP Antibody (C-term) . 293 cell lysates (2 µg/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the CIRBP gene.



Western Blotting

Image 3. Western blot analysis of CIRBP Antibody (C-term) in Y79 cell line lysates (35µg/lane). CIRBP (arrow) was detected using the purified Pab.