

Rabbit CIRBP Polyclonal Antibody | anti-CIRBP antibody

CIRBP Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA290388	Rabbit	Human (Predicted Reactivity: Hamster, Mouse, Rat)	Immunohistochemistry, ELISA, Western Blot

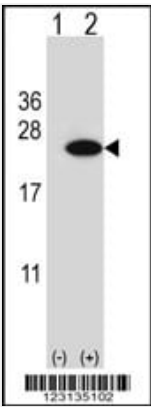
PRODUCT SYNONYMS

CIRBP; Polyclonal Antibody; CIRBP Antibody (C-term); Cold-inducible RNA-binding protein; A18 hnRNP; Glycine-rich RNA-binding protein CIRP; A18HNRNP; CIRP; anti-CIRBP antibody

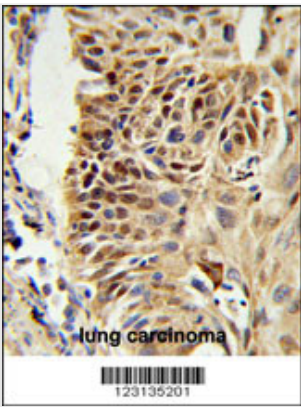
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Hamster, Mouse, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This CIRBP antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 145-172 amino acids from the C-terminal region of human CIRBP.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/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.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	145-172
Sequence Length	244
Applicable Applications for anti-CIRBP antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

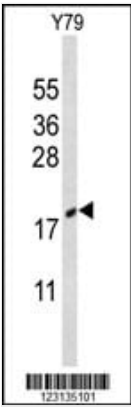
IMAGES



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



IHC (Immunohistochemistry)
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.



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

ADDITIONAL INFORMATION

Related Product Information for anti-CIRBP antibody	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.
Product Categories/Family for anti-CIRBP antibody	Cell Biology
References	Colinge J., et.al., Submitted (OCT-2008) to UniProtKB. Yang R.,et.al., Nucleic Acids Res. 34:1224-1236(2006).

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502847
NCBI GeneID	1153
NCBI Accession #	NP_001271.1
NCBI GenBank Nucleotide #	NM_001280.2
UniProt Accession #	Q14011; B3KT17; B4E2X2

Molecular Weight	18648
NCBI Official Full Name	cold-inducible RNA-binding protein isoform 1
NCBI Official Synonym Full Names	cold inducible RNA binding protein
NCBI Official Symbol	CIRBP
NCBI Official Synonym Symbols	CIRP
NCBI Protein Information	cold-inducible RNA-binding protein
UniProt Protein Name	Cold-inducible RNA-binding protein
UniProt Gene Name	CIRBP
UniProt Synonym Gene Names	A18HNRNP; CIRP
UniProt Entry Name	CIRBP_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/cirbp-antibody-immunohistochemistry-western-blot-elisa/290388>