CIRBP Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	CIRBP, Polyclonal Antibody
Full Product Name	CIRBP (Cold-inducible RNA-binding Protein, A18 hnRNP, Glycine-rich RNA-binding Protein CIRP, A18HNRNP, CIRP) (MaxLight 550)
Product Gene Name	anti-CIRBP antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight550.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes human CIRBP.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amo sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	26,130 Da
OMIM	602649
3D Structure	ModBase 3D Structure for Q14011
Immunogen	Full length human CIRBP, aa1-172 (NP_001271.1).
Immunogen Sequence	MASDEGKLFVGGLSFDTNEQSLEQVFSKYGQISEVVVVKDRETQRSRGFGFVTFENIDDAKDAMMAMNGKSVDGRQIRVDQAGKSSDNRSRGYRGGS
Conjugate	MaxLight550
Note	Preservative Free
Product Categories/Family for anti-CIRBP antibody	Antibodies; Binding Proteins
Applications Tested/Suitable for anti-CIRBP antibody	Western Blot (WB)
Application Notes for anti-CIRBP antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-CIRBP antibody	Cold-inducible mRNA binding protein that plays a protective role in the genotoxic stress response by stabilizing transcripts of genes involved in cell sur Binds specifically to the 3'-untranslated regions (3'-UTRs) of stress-responsive transcripts RPA2 and TXN. Acts as a translational repressor. Promotes

Other Notes	Small volumes of anti-CIRBP antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If neces require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for CIRBP purchase	MBS6374012 is an antibody targeting CIRBP. Also known as CIRBP (Cold-inducible RNA-binding Protein, A18 hnRNP, Glycine-rich RNA-binding Prot

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CIRBP. It may not necessarily be applicable to this product.

NCBI GI #	4502847
NCBI GeneID	1153
NCBI Accession #	NP_001271.1
UniProt Primary Accession #	Q14011
UniProt Secondary Accession #	B3KT17; B4E2X2
UniProt Related Accession #	Q14011
GenBank Nucleotide #	NM_001280.1
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
UniProt Protein Name	Cold-inducible RNA-binding protein
UniProt Synonym Protein Names	A18 hnRNP; Glycine-rich RNA-binding protein CIRP
Protein Family	Cold-inducible RNA-binding protein
UniProt Gene Name	CIRBP
UniProt Synonym Gene Names	A18HNRNP; CIRP
UniProt Entry Name	CIRBP_HUMAN
NCBI Protein Information	cold-inducible RNA-binding protein; A18 hnRNP; cold inducible RNA-binding protein; glycine-rich RNA binding protein
UniProt Comments for CIRBP	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 (). Promotes assembly of stress granules (SGs), when overexpressed.
Research Articles on CIRBP	**1.** Cirp promotes the development of intestinal inflammation and colorectal tumors through regulating apoptosis and production of TNFalpha and IL23 in inflammatory cells.
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Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

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