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Datasheet for ABIN6257871 anti-CIRBP antibody (C-Term)

Image



Overview

Quantity:	100 μL
Target:	CIRBP
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CIRBP antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunocytochemistry (ICC)

Product Details

Immunogen:	A synthesized peptide derived from human CIRBP, corresponding to a region within C-terminal amino acids.
Isotype:	lgG
Specificity:	CIRBP Antibody detects endogenous levels of total CIRBP.
Predicted Reactivity:	Bovine,Sheep,Dog,Chicken,Xenopus
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink TM Coupling Resin (Thermo Fisher Scientific).

Target Details

Target:

CIRBP

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Target Details	
Alternative Name:	CIRBP (CIRBP Products)
Background:	Description: 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. Gene: CIRBP
Molecular Weight:	18 kDa
Gene ID:	1153
UniProt:	Q14011
Pathways:	Ribonucleoprotein Complex Subunit Organization
Application Details	
Application Notes:	WB 1:500-1:2000, IF/ICC 1:100-1:500, ELISA(peptide) 1:20000-1:40000
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline, pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Expiry Date:	12 months

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Western Blotting

Image 1. Western blot analysis of CIRBP expression in HCT116 whole cell lysate ,The lane on the left is treated with the antigen-specific peptide.

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