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Datasheet for ABIN7266452

anti-CIRBP antibody

5 Images

Overview

Quantity:	100 µL
Target:	CIRBP
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This CIRBP antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Purpose:	CIRBP Rabbit mAb
Immunogen:	Recombinant protein of human CIRBP.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	CIRBP
Alternative Name:	CIRBP (CIRBP Products)
Background:	Cold-inducible mRNA binding protein that plays a protective role in the genotoxic stress

Target Details

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.,CIRBP, CIRP, cold-inducible RNA-binding protein,Epigenetics & Nuclear Signaling,RNA Binding,Cell Biology & Developmental Biology,Cell Cycle,CIRBP

Molecular Weight: 19kDa

Gene ID: 1153

UniProt: [Q14011](#)

Pathways: [Ribonucleoprotein Complex Subunit Organization](#)

Application Details

Application Notes: WB,1:500 - 1:2000,IHC,1:50 - 1:200,IF,1:50 - 1:200

Restrictions: For Research Use only

Handling

Format: Liquid

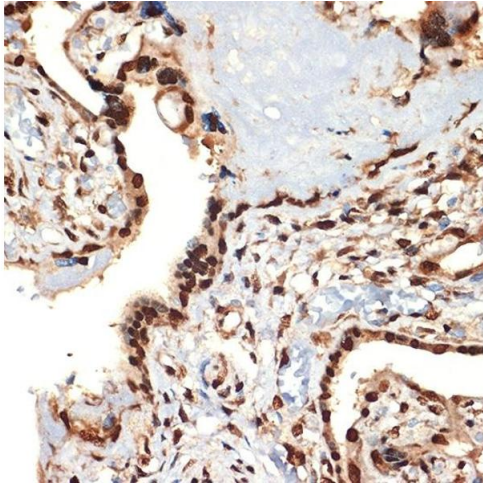
Buffer: PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

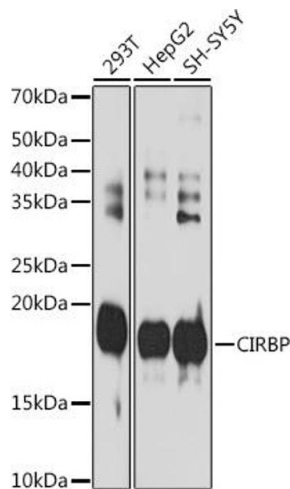
Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



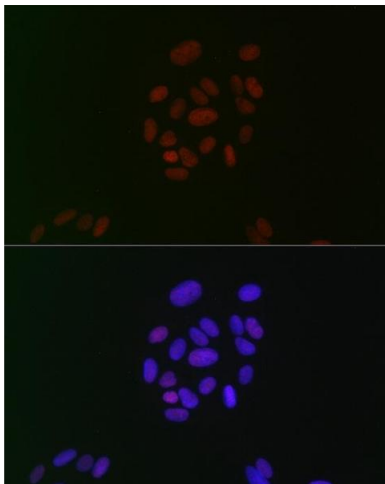
Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human placenta using CIRBP Rabbit mAb (ABIN7266452) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using CIRBP antibody (ABIN7266452) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 180s.



Immunofluorescence

Image 3. Immunofluorescence analysis of U-2 OS cells using CIRBP Rabbit mAb (ABIN7266452) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN7266452.