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anti-CIRBP antibody (Middle Region)

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Publications



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Quantity:	100 μL
Target:	CIRBP
Binding Specificity:	Middle Region
Reactivity:	Human, Rat, Dog, Cow, Pig, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CIRBP antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human CIRBP
Sequence:	GYGGNRFESR SGGYGGSRDY YSSRSQSGGY SDRSSGGSYR DSYDSYATHN
Predicted Reactivity:	Cow: 92%, Dog: 92%, Guinea Pig: 77%, Human: 100%, Pig: 92%, Rat: 85%
Characteristics:	This is a rabbit polyclonal antibody against CIRBP. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	CIRBP
Alternative Name:	CIRBP (CIRBP Products)

Target Details

Background:	CIRBP contains 1 RRM (RNA recognition motif) domain. It seems to play an essential role in
	cold-induced suppression of cell proliferation.
	Alias Symbols: CIRP
	Protein Interaction Partner: KHDRBS2, RBMY1F, LNX1, SNRPA, RBMY1A1, HNRNPK, RBMX,
	MDM2, LOC100132057, RNF2, BMI1, PARK2, SRF, IL7R, FN1, CSNK2A1, HNRNPA0, KHDRBS1,
	BAG5, SMURF1, PAXIP1, BARD1, RTN4, LSM14A, POLR1C, KHSRP, SF1, TPR, TMPO, PRKAR2A
	NUP88, CNOT3, CAPRIN1, HNRNPH2, GTF2F
	Protein Size: 172
Molecular Weight:	19 kDa
Gene ID:	1153
NCBI Accession:	NM_001280, NP_001271
UniProt:	Q14011
Pathways:	Ribonucleoprotein Complex Subunit Organization
Application Details	
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 172 AA
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 %
	sucrose.
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 freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small
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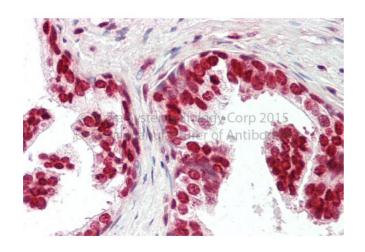
aliquots to prevent freeze-thaw cycles.

Publications

Product cited in:

van Dijk, Schilders, Pruijn: "Human cell growth requires a functional cytoplasmic exosome, which is involved in various mRNA decay pathways." in: **RNA (New York, N.Y.)**, Vol. 13, Issue 7, pp. 1027-35, (2007) (PubMed).

Images



Immunohistochemistry

Image 1. Rabbit Anti-CIRBP antibody Catalog Number: ARP40348 Formalin Fixed Paraffin Embedded Tissue: Human Adult Prostate Observed Staining: Cytoplasm in hepatocytes Primary Antibody Concentration: 1:600 Secondary Antibody: Donkey anti-Rabbit-Cy3 Secondary Antibody Concentration: 1:200 Magnification: 20X Exposure Time: 0.5 – 2.0 sec

90 kDa__ 65 kDa__ 40 kDa__ 31 kDa__ 22 kDa__

Western Blotting

Image 2. WB Suggested Anti-CIRBP Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: A549