

Mouse CRTC1 Monoclonal Antibody | anti-CRTC1 antibody

CRTC1 antibody

CATALOG # AAA74832	HOST Mouse	APPLICATIONS Western Blot, Immunofluorescence, ELISA
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PRODUCT SYNONYMS

CRTC1; Monoclonal Antibody; CRT1 antibody; Monoclonal CRT1; Anti-CRTC1; CRT-1c; CREB-regulated transcription coactivator 1; Transducer Of Regulated CREB activity 1; CRT 1c; TORC1; anti-CRTC1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	1B5
Form/Format	Supplied as a liquid in ascitic fluid containing 0.03% sodium azide.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	650
Applicable Applications for anti-CRTC1 antibody	WB (Western Blot), IF (Immunofluorescence), ELISA
Biological Significance	CRTC1 is a protein that in humans is encoded by the CRT1 gene. It is expressed in a limited number of tissues that include fetal brain and liver and adult heart, skeletal muscles, liver and salivary glands. CRT1 activates transcription through both consensus and variant cAMP response element (CRE) sites.
Cross-Reactivity	Human
Immunogen	CRTC1 antibody was raised in Mouse using a purified recombinant fragment of human CRT1 expressed in E Coli as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of U251 (left) and NTERA2 (right) cells using CRT1 antibody (green). Red: Actin filaments have been labeled with DY-554 phalloidin. Blue: DRAQ5 fluorescent DNA dye.



WB (Western Blot)

Western Blot showing CRT1 antibody used against CRT1 (AA: 1-353)-hlgFc transfected HEK293 cell lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-CRTC1 antibody	Mouse monoclonal CRT1 antibody
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NCBI AND UNIPROT INFORMATION

NCBI GI #	148596988
NCBI GeneID	23373
NCBI Accession #	NP_001091952.1
NCBI GenBank Nucleotide #	NM_001098482.1
UniProt Accession #	Q6UUV9; O75114; Q6Y3A3; Q7LDZ2; Q8IUL3; Q8IZ34; Q8IZL1; Q8N6W3; Q96AI8; Q9H801; A6NMG5
Molecular Weight	62,530 Da
NCBI Official Full Name	CREB-regulated transcription coactivator 1 isoform 3
NCBI Official Synonym Full Names	CREB regulated transcription coactivator 1
NCBI Official Symbol	CRTC1
NCBI Official Synonym Symbols	MECT1; TORC1; TORC-1; WAMTP1
NCBI Protein Information	CREB-regulated transcription coactivator 1
UniProt Protein Name	CREB-regulated transcription coactivator 1
UniProt Gene Name	CRTC1
UniProt Synonym Gene Names	TORC-1; Transducer of CREB protein 1
UniProt Entry Name	CRTC1_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/monoclonal/crtc1-antibody-clone-1b5-western-blot-immunofluorescence-elisa/74832>