

Rabbit CRTC3 Monoclonal Antibody | anti-CRTC3 antibody

CRTC3 Rabbit mAb

CATALOG # AAA269219	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Immunocytochemistry, Western Blot
-------------------------------	-----------------------	--	--

PRODUCT SYNONYMS

CRTC3; Monoclonal Antibody; CRTC3 Rabbit mAb; TORC3; FLJ21868; anti-CRTC3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	IgG
Clone Number	R07-4C9
Purity/Purification	Affinity Purified
Form/Format	50mM Tris-Glycine (pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Applicable Applications for anti-CRTC3 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot)
Immunogen	A synthetic peptide of human CRTC3
Preparation and Storage	Store at 4 degree C short term. Aliquot and store at -20 degree C long term. Avoid freeze/thaw cycles.

IMAGES



ICC (Immunocytochemistry)

Immunocytochemistry analysis of CRTC3 (green) in Hela using CRTC3 antibody, and DAPI(blue).



WB (Western Blot)

Western blot analysis of Pirh2 in K562 lysates using Pirh2 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-CRTC3 antibody	Transcriptional coactivator for CREB1 which activates transcription through both consensus and variant cAMP response element (CRE) sites. Acts as a coactivator, in the SIK/TORC signaling pathway, being active when dephosphorylated and acts independently of CREB1 'Ser-133' phosphorylation. Enhances the interaction of CREB1 with TAF4. Regulates the expression of specific CREB-activated genes such as the steroidogenic gene, StAR. Potent coactivator of PPARGC1A and inducer of mitochondrial biogenesis in muscle cells. Also coactivator for TAX activation of the human T-cell leukemia virus type 1 (HTLV-1) long terminal repeats (LTR). Tissue specificity: Predominantly expressed in B and T lymphocytes. Highest levels in lung. Also expressed in brain, colon, heart, kidney, ovary, and prostate. Weak expression in liver, pancreas, muscle, small intestine, spleen and stomach
Product Categories/Family for anti-CRTC3 antibody	Primary Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	110431352
NCBI GeneID	64784
NCBI Accession #	NP_001036039.1
NCBI GenBank Nucleotide #	NM_001042574.2
UniProt Accession #	Q6UUV7; Q6DK61; Q6DK62; Q8NF38; Q9H6U2
Molecular Weight	66,830 Da
NCBI Official Full Name	CREB-regulated transcription coactivator 3 isoform b
NCBI Official Synonym Full Names	CREB regulated transcription coactivator 3
NCBI Official Symbol	CRTC3
NCBI Official Synonym Symbols	TORC3; TORC-3
NCBI Protein Information	CREB-regulated transcription coactivator 3
UniProt Protein Name	CREB-regulated transcription coactivator 3
UniProt Gene Name	CRTC3
UniProt Synonym Gene Names	TORC3; TORC-3; Transducer of CREB protein 3

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/crtc3-antibody-clone-r07-4c9-immunofluorescence-immunocytochemistry-western-blot-elisa/269219>