

Mouse CRTC3 Antibody | anti-CRTC3 antibody

CRTC3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA108414	Mouse	Human, Monkey	ELISA, Immunofluorescence, Immunohistochemistry, Western Blot

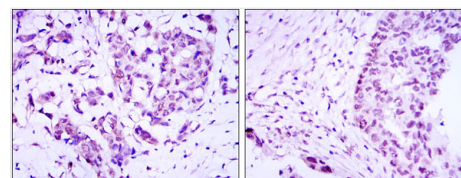
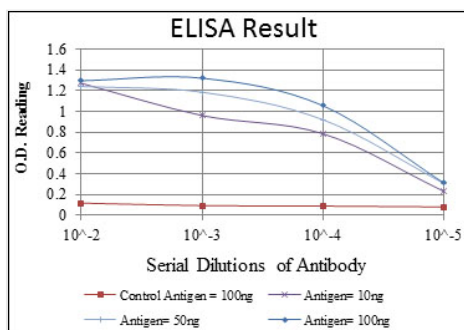
PRODUCT SYNONYMS

CRTC3; CRTC3 Antibody; TORC3; FLJ21868; anti-CRTC3 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Monkey
Isotype	IgG1
Clone Number	5G9
Form/Format	Ascitic fluid containing 0.03% sodium azide.
Sequence Length	618
Applicable Applications for anti-CRTC3 antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Purified recombinant fragment of human CRTC3 expressed in E. Coli.
Preparation and Storage	Store at 4 degree C, for long term storage, store at -20 degree C.

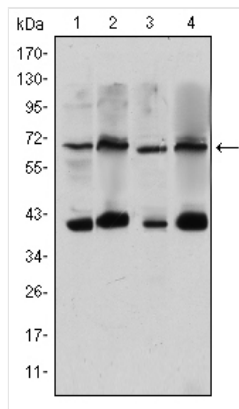
IMAGES



IHC (Immunohistochemistry)

Figure 2: Immunohistochemical analysis of paraffin-embedded breast cancer (left) and ovarian cancer (right) using CRT3 mouse mAb with DAB staining.

Application Data



WB (Western Blot)

Figure 1: Western blot analysis using CRT3 mouse mAb against Hela (1), Jurkat (2), Cos7 (3) and MCF-7 (4) cell lysate.

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	Autophagy antibody ; Cancer ; Cardiovascular ; Cell Biology ; Epigenetics & Nuclear Signaling ; Developmental Biologys ; Immunology ; Drug Discovery Products ; Metabolism ; Neuroscience ; Signal Transduction ; Stem Cells

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	68kDa
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.

