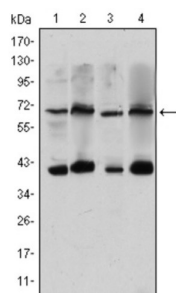
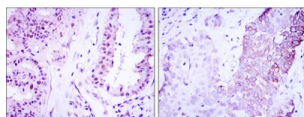


CREB Regulated Transcription Coactivator 3 (CRTC3) Antibody

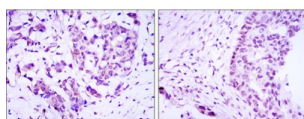
Catalogue No.: abx015830



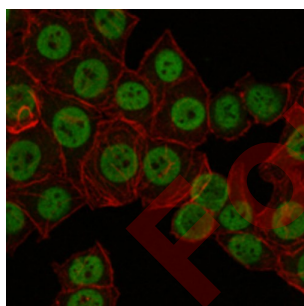
Western blot analysis using CRTC3 antibody against Hela (1), Jurkat (2), Cos7 (3) and MCF-7 (4) cell lysate.



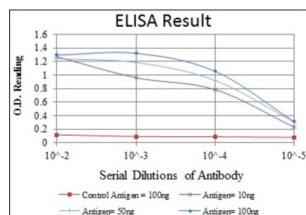
Immunohistochemical analysis of paraffin-embedded breast cancer (left) and ovarian cancer (right) using CRTC3 antibody with DAB staining.



Immunohistochemical analysis of paraffin-embedded lung cancer (left) and esophagus cancer (right) using CRTC3 antibody with DAB staining.



Immunofluorescence analysis of NTERA-2 cells using CRTC3 antibody (green). Red: Actin filaments have been labeled with AF555 phalloidin.



Red: Control Antigen (100ng) ; Purple: Antigen (10ng) ; Green: Antigen (50ng) ; Blue: Antigen (100ng).

Datasheet

Version: 3.0.0
Revision date: 26 Mar 2025



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.

Target:	CREB Regulated Transcription Coactivator 3 (CRTC3)
Clonality:	Monoclonal
Reactivity:	Human, Monkey
Tested Applications:	ELISA, WB, IHC, IF/ICC
Host:	Mouse
Recommended dilutions:	ELISA: 1/10000, WB: 1/500 - 1/2000, IHC: 1/200 - 1/1000, IF/ICC: 1/200 - 1/1000. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Purified recombinant fragment of human CRTC3 expressed in E. coli.
Isotype:	IgG ₁
Form:	Liquid
Purification:	Unpurified ascites.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
GeneID:	64784
Molecular Weight:	68 kDa
Buffer:	Ascitic fluid containing 0.03% sodium azide.
Concentration:	Not determined.
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.