antibodies .- online.com





anti-CRTC2 antibody (C-Term)





Overview

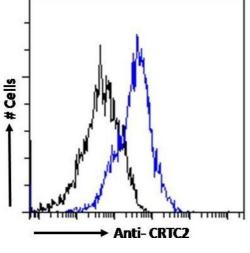
Target:

Quantity:	100 μg
Target:	CRTC2
Binding Specificity:	C-Term
Reactivity:	Human, Rat
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This CRTC2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Flow Cytometry (FACS)
Product Details	
Purpose:	CRTC2
Sequence:	DPAVEDSFRS DRLQ
Isotype:	IgG
Cross-Reactivity:	Cow, Dog, Human, Mouse, Pig, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity
	chromatography using the immunizing peptide.
Grade:	Verified
Target Details	

CRTC2

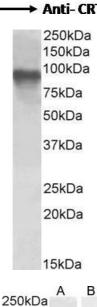
Target Details

rarget Details	
Alternative Name:	CRTC2 (CRTC2 Products)
Background:	Crtc2, CREB regulated transcription coactivator 2, 4632407F12Rik, Torc2, OTTMUSP00000023505, transducer of regulated cAMP response element-binding protein (CREB) 2
Gene ID:	200186, 74343, 310615
NCBI Accession:	NP_083157
Pathways:	AMPK Signaling, Carbohydrate Homeostasis
Application Details	
Application Notes:	Western Blot: Approx 90 kDa observed in lysates of cell line Jurkat and in preliminary testing of NIH3T3, and approx 85 kDa in Rat Brain lysates and lysates of cell line A431 (calculated MW of 73.2 kDa according to Human, NP_083157.1) and Rat NP_001029067 Peptide ELISA: antibody detection limit dilution 1:64000.
Comment:	Immunofluorescence: Strong expression of the protein seen in the nuclei of HeLa and U2OS cells. Recommended concentration: 10μg/ml. Flow Cytometry: Flow cytometric analysis of HeLa cells. Recommended concentration: 10u
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
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:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Flow Cytometry

Image 1. ABIN5539499 Flow cytometric analysis of paraformaldehyde fixed HeLa cells (blue line), permeabilized with 0.5 % Triton. Primary incubation 1hr (10 μ g/mL) followed by Alexa Fluor 488 secondary antibody (1 μ g/mL). IgG control: Unimmunized goat IgG (black line) fol



150kDa 100kDa

75kDa

50kDa

37kDa

25kDa 20kDa

15kDa

Western Blotting

Image 2. ABIN5539499 (1μg/ml) staining of Jurkat lysate (35μg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Western Blotting

Image 3. ABIN5539499 (1 μ g/mL) staining of Jurkat (A) and (2 μ g/mL) A431 (B) cell lysate (35 μ g protein in RIPA buffer). Detected by chemiluminescence.

Please check the product details page for more images. Overall 6 images are available for ABIN5539499.