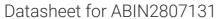
## antibodies - online.com





## anti-CRTC2 antibody (pSer171) (Alexa Fluor 594)



Overview	
Quantity:	100 μL
Target:	CRTC2
Binding Specificity:	pSer171
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CRTC2 antibody is conjugated to Alexa Fluor 594
Application:	Western Blotting (WB), Flow Cytometry (FACS)
Product Details	
Immunogen:	KLH conjugated synthetic phosphopeptide derived from human CREB regulated transcription
	coactivator 2 around the phosphorylation site of Ser171
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Predicted Reactivity:	Rat,Dog,Pig
Purification:	Purified by Protein A.
Target Details	
Target:	CRTC2
Alternative Name:	TORC2 (CRTC2 Products)

## **Target Details**

Background:	Synonyms: TORC2, TORC-2, CREB-regulated transcription coactivator 2, Transducer of		
	regulated cAMP response element-binding protein 2, Transducer of CREB protein 2, CRTC2		
	Background: 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 gluconeogenesis as a component of the LKB1/AMPK/TORC2 signaling pathway. Regulates the expression of specific 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).	
		Gene ID:	200186
		UniProt:	Q53ET0
	Pathways:	AMPK Signaling, Carbohydrate Homeostasis	
Application Details			
Application Notes:	FCM 1:20-100		
Restrictions:	For Research Use only		
Handling			
Format:	Liquid		
Concentration:	1 μg/μL		
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and		
	50 % Glycerol.		
Preservative:	ProClin		
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be		
	handled by trained staff only.		
Storage:	-20 °C		
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.		
Expiry Date:	12 months		