

Datasheet for ABIN625819
anti-CRTC2 antibody (AA 83-96)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µg
Target:	CRTC2
Binding Specificity:	AA 83-96
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This CRTC2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Purpose:	CRTC2 / TORC2 (aa 83-96)
Immunogen:	CEFQSPLHSPLDSSR
Sequence:	EFQSPLHSPL DSSR
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

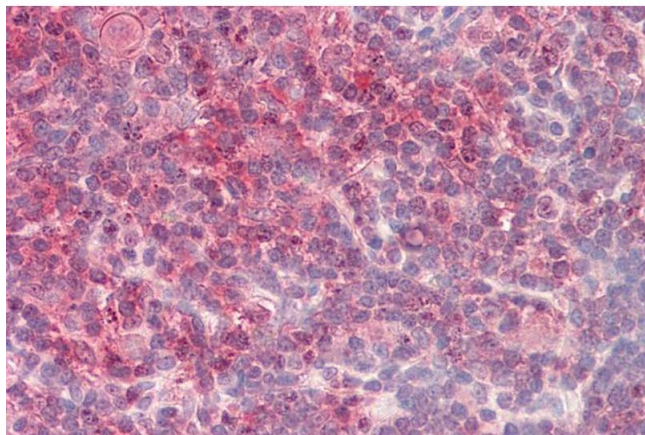
Target:	CRTC2
Alternative Name:	CRTC2 (CRTC2 Products)
Background:	CRTC2, CREB regulated transcription coactivator 2, RP11-422P24.6, TORC2, CREB-regulated transcription coactivator 2, OTTHUMP00000035255, TORC-2, transducer of CREB protein 2, transducer of regulated cAMP response element-binding protein (CREB) 2, transduc
Gene ID:	200186, 74343, 310615
NCBI Accession:	NP_859066
Pathways:	AMPK Signaling , Carbohydrate Homeostasis

Application Details

Application Notes:	Immunohistochemistry: Paraffin embedded Human Thymus. Recommended concentration: 3.75 µg/mL. Western Blot: Approx 85 kDa band observed in lysates of cell line Jurkat (calculated MW of 73.3 kDa according to NP_859066.1). Recommended concentration: 0.3-1 µg/mL. Primary incubation was 1 hour. Peptide ELISA: antibody detection limit dilution 1:32000.
Restrictions:	For Research Use only

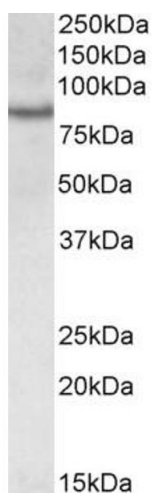
Handling

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.



Immunohistochemistry

Image 1. ABIN625819 (3.75µg/ml) staining of paraffin embedded Human Thymus. Steamed antigen retrieval with citrate buffer Ph 6, AP-staining.



Western Blotting

Image 2. ABIN625819 (0.3µg/ml) staining of Jurkat lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.