



Anti-CRTC1 (aa 19-34) polyclonal antibody (CPBT-66100RC)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview This product recognizes human CREB-regulated transcription coactivator 1 (CRTC1), a 67kDa cytoplasmic and nuclear protein belonging to the TORC family. CRTC1 is involved in transcription regulation and is the transcriptional coactivated for CREB. CRTC1 is highly expressed in specific regions of both adult and foetal brain such as the prefrontal cortex and cerebellum. Chromosomal abnormalities involving CRCT1 are found in certain carcinomas such as mucoepidermoid carcinomas. Immunohistology This product does not require protein digestion pre-treatment of paraffin sections. This product does not require antigen retrieval using heat treatment prior to staining of paraffin sections.

Specificity	CRTC1
Immunogen	Synthetic peptide sequence corresponding to amino acids 19-34 of the human CRTC1 protein –
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Bovine, Mouse, Rat, Zebrafish
Conjugate	Unconjugated
Applications	ELISA; IF; IHC-P; WB
Format	Purified IgG - liquid
Size	50 µg
Preservative	0.01% Sodium Azide
Storage	in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.
Warnings	For research purposes only

GENE INFORMATION

Gene Name	CRTC1 CREB regulated transcription coactivator 1 [Homo sapiens (human)]
Official Symbol	CRTC1
Synonyms	CRTC1; CREB regulated transcription coactivator 1; MECT1; TORC1; TORC-1; WAMTP1; CREB-regulated transcription coactivator 1; mucoepidermoid carcinoma translocated protein 1; transducer of regulated cAMP response element-binding protein (CREB) 1;
Entrez Gene ID	23373
Protein Refseq	NP_001091952
UniProt ID	Q6UUV9
Chromosome Location	19p13.11
Pathway	BDNF signaling pathway; HTLV-I infection;
Function	cAMP response element binding protein binding; protein binding;