

Immunotag™ Phospho-CREB (Ser142) Antibody

Antibody Specification	
Catalog No.	ITA0959
Product Description	Immunotag™ Phospho-CREB (Ser142) Antibody
Size	100 µg, 200 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	Phospho-CREB (Ser142)
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC,IF/ICC,ELISA
Recommended Dilution	WB 1:500-1:2000 IHC 1:50-1:200 IF/ICC 1:100-1:500
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human CREB around the phosphorylation site of Serine 142
Specificity	Phospho-CREB (Ser142) Antibody detects endogenous levels of CREB only when phosphorylated at Serine 142
Purification	The antibody is from purified rabbit serum by affinity purification via sequential chromatography on phospho- and non-phospho-peptide affinity columns.
Form	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt
Gene Name	CREB1
Accession No.	P16220

Antibody Specification

Alternate Names	Active transcription factor CREB; cAMP response element binding protein 1; cAMP response element binding protein; cAMP responsive element binding protein 1; cAMP-responsive element-binding protein 1; CREB; CREB-1; CREB1; CREB1_HUMAN; Cyclic AMP-responsive element-binding protein 1; MGC9284; OTTHUMP00000163864; OTTHUMP00000163865; OTTHUMP00000206660; OTTHUMP00000206662; OTTHUMP00000206667; Transactivator protein;
Description	Phosphorylation-dependent transcription factor that stimulates transcription upon binding to the DNA cAMP response element (CRE), a sequence present in many viral and cellular promoters. Transcription activation is enhanced by the TORC coactivators which act independently of Ser-133 phosphorylation. Involved in different cellular processes including the synchronization of circadian rhythmicity and the differentiation of adipose cells.
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	43kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.