

anti-Human, Rat CREB Regulated Transcription Coactivator 2 Monoclonal Antibody | anti-CREB antibody

CREB Regulated Transcription Coactivator 2 Rabbit mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA314580	Recombinant Rabbit	Human, Rat	Immunohistochemistry, Western Blot

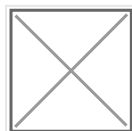
PRODUCT SYNONYMS

CREB Regulated Transcription Coactivator 2; Monoclonal Antibody; CREB Regulated Transcription Coactivator 2 Rabbit mAb; TORC2; TORC-2; anti-CREB antibody

PRODUCT SPECIFICATIONS

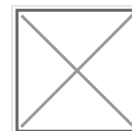
Host	Recombinant Rabbit
Reactivity	Human, Rat
Clonality	Monoclonal
Isotype	IgG
Clone Number	S08-5F2
Purity/Purification	Affinity Purified
Form/Format	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Concentration	0.3mg/ml (varies by lot)
Applicable Applications for anti-CREB antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide of human TORC2
Conjugation	Unconjugated
Modification	Unmodification
Preparation and Storage	Store at 4 degree C short term. Aliquot and store at -20 degree C long term. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of TORC2 in paraffin-embedded Human breast cancer tissue using TORC2 Rabbit mAb at dilution 1/50



WB (Western Blot)

Western blot detection of TORC2 in A549, HL-60, U251 cell lysates using TORC2 Rabbit mAb(1:1000 diluted). Predicted band size: 73kDa. Observed band size: 80kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-CREB antibody	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).
Product Categories/Family for anti-CREB antibody	Primary Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	32171215
NCBI GeneID	200186
NCBI Accession #	NP_859066
NCBI GenBank Nucleotide #	NM_181715.2
UniProt Accession #	Q53ET0; Q6UUU8; Q7Z3X7; Q8N332
Molecular Weight	Predicted: 67; 76 kDa Observed: 70 kDa
NCBI Official Full Name	CREB-regulated transcription coactivator 2
NCBI Official Synonym Full Names	CREB regulated transcription coactivator 2
NCBI Official Symbol	CRTC2
NCBI Official Synonym Symbols	TORC2; TORC-2
NCBI Protein Information	CREB-regulated transcription coactivator 2; transducer of regulated cAMP response element-binding protein (CREB) 2
UniProt Protein Name	CREB-regulated transcription coactivator 2
UniProt Gene Name	CRTC2
UniProt Synonym Gene Names	TORC2; TORC-2; Transducer of CREB protein 2
UniProt Entry Name	CRTC2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/creb-regulated-transcription-coactivator-2-antibody-clone-s08-5f2-immunohistochemistry-western-blot-elisa/314580>