

Rabbit anti-Human, Mouse TORC2 Polyclonal Antibody | anti-TORC2 antibody

TORC2 antibody (pAb)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA59928	Rabbit	Human, Mouse	Western Blot, Immunoprecipitation

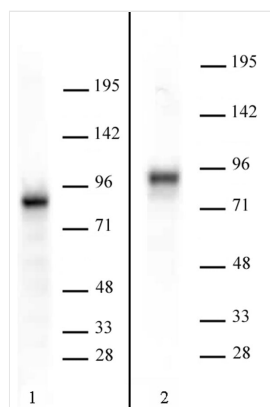
PRODUCT SYNONYMS

TORC2; Polyclonal Antibody; TORC2 antibody (pAb); CRTC2; anti-TORC2 antibody

PRODUCT SPECIFICATIONS

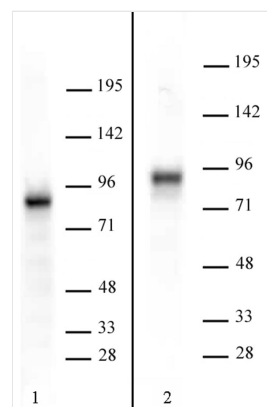
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Form/Format	Rabbit serum containing 30% glycerol and 0.035% sodium azide. Sodium azide is highly toxic.
Applicable Applications for anti-TORC2 antibody	WB (Western Blot), IP (Immunoprecipitation)
Immunogen	This TORC2 antibody was raised against a peptide at the C-terminus of human TORC2.
Preparation and Storage	Some products may be shipped at room temperature. This will not affect their stability or performance. Avoid repeated freeze/thaw cycles by aliquoting items into single-use fractions for storage at -20 degree C for up to 2 years. Keep all reagents on ice when not in storage.1ug/ul

IMAGES



WB (Western Blot)

TORC2 antibody (pAb) tested by Western blot. Detection of TORC2 by Western blot analysis. Whole cell extract (20 ug) of NIH/3T3 (lane 1) and HEK293 (lane 2) blotted with TORC2 antibody at a dilution of 1:2,000.



WB (Western Blot)

TORC2 antibody (pAb) tested by Immunoprecipitation. 10 ul of TORC2 antibody was used to immunoprecipitate TORC2 from 400 ug of HEK293 whole cell extract (lane 2). 10 ul of rabbit IgG was used as a negative control (lane 1). The immunoprecipitated protein was detected by Western blotting using the TORC2 antibody at a dilution of 1:2,000.

ADDITIONAL INFORMATION

Related Product Information for anti-TORC2 antibody	Short Description: Our TORC2 antibody (pAb) was raised in a Rabbit host. It has been validated for use in Immunoprecipitation and Western blot; it has been shown to react with Human and Mouse samples. Background: TORC2 (Transducer of regulated cAMP response element-binding protein 2)(CRTC2 or CREB-regulated transcription coactivator 2) is a coactivator of transcription through the CREB1 signaling pathway, independent of phosphorylation at serine 133. Involved in metabolic signaling pathways, it is responsive to glucagon signaling and regulates gluconeogenesis. It is a potent activator of mitochondrial biogenesis in muscle cells. TORC2 is inactivated by phosphorylation at serine 171 (in response to both insulin signaling and the activation of AMPK), which facilitates recognition by 14-3-3 protein and subsequent translocation to the cytoplasm.
Product Categories/Family for anti-TORC2 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	32171215
NCBI GeneID	200186
NCBI Accession #	NP_859066; AB_2615051
NCBI GenBank Nucleotide #	NM_181715.2
UniProt Accession #	Q53ET0; Q6UUUV8; 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/polyclonal/torc2-antibody-western-blot-immunoprecipitation-elisa/59928>