

Mouse TORC1 Monoclonal Antibody | anti-TORC1 antibody

TORC1 Monoclonal Antibody

CATALOG # AAA300828	HOST Mouse	REACTIVITY Human, Mouse, Monkey, Rat	APPLICATIONS Immunocytochemistry, Western Blot
-------------------------------	----------------------	--	--

PRODUCT SYNONYMS

TORC1; Monoclonal Antibody; TORC1 Monoclonal Antibody; KIAA0616; CREB regulated transcription coactivator 1; CREB-regulated transcription coactivator 1; CRTC1; CRTC1_HUMAN; FLJ14027; MECT 1; Mucoepidermoid carcinoma translocated 1; Mucoepidermoid carcinoma translocated protein 1; TORC-1; anti-TORC1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse, Monkey, Rat
Clonality	Monoclonal
Isotype	IgM
Clone Number	4E7-C1-F9-E6
Specificity	This antibody detects endogenous levels of CRTC1 and does not cross-react with related proteins.
Form/Format	Ascites
Sequence Length	650
Applicable Applications for anti-TORC1 antibody	ICC (Immunocytochemistry), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Purified recombinant human CRTC1 protein fragments expressed in E Coli.
Target Name	TORC1
Preparation and Storage	Store at -20 degree C

IMAGES



WB (Western Blot)

Western blot detection of CRTC1 antibody in HeLa, mouse brain, SW480, COS7, C6 and 3T3 cell lysates using CRTC1 antibody (1:2000 diluted). Predicted band size: 78KDa. Observed band size: 78KDa.



ICC (Immunocytochemistry)

Immunocytochemistry staining of HeLa cells fixed with 4% Paraformaldehyde and using anti-CRTC1 antibody (dilution 1:200).

ADDITIONAL INFORMATION

Related Product Information for anti-TORC1 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 the expression of specific CREB-activated genes such as the steroidogenic gene,StAR.Potent coactivator of PGC1alpha 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).In the hippocampus, involved in late-phase long-term potentiation (L-LTP) maintenance at the Schaffer collateral-CA1 synapses.May be required for dendritic growth of developing cortical neurons.
Product Categories/Family for anti-TORC1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	148596988
NCBI GeneID	23373
NCBI Accession #	NP_001091952.1
NCBI GenBank Nucleotide #	NM_001098482.1
UniProt Accession #	Q6UUV9; Q75114; Q6Y3A3; Q7LDZ2; Q8IUL3; Q8IZ34; Q8IZL1; Q8N6W3; Q96AI8; Q9H801; A6NMG5
Molecular Weight	62,530 Da
NCBI Official Full Name	CREB-regulated transcription coactivator 1 isoform 3
NCBI Official Synonym Full Names	CREB regulated transcription coactivator 1
NCBI Official Symbol	CRTC1
NCBI Official Synonym Symbols	MECT1; TORC1; TORC-1; WAMTP1
NCBI Protein Information	CREB-regulated transcription coactivator 1
UniProt Protein Name	CREB-regulated transcription coactivator 1
UniProt Gene Name	CRTC1
UniProt Synonym Gene Names	TORC-1; Transducer of CREB protein 1
UniProt Entry Name	CRTC1_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/torc1-antibody-clone-4e7-c1-f9-e6-immunocytochemistry-western-blot-elisa/300828>