TORC2 Rabbit mAb

Catalog No.: A20893 Recombinant



Basic Information

Observed MW

80kDa

Calculated MW

73kDa

Category

Primary antibody

Applications

WB,ELISA

Cross-Reactivity

Human, Rat

CloneNo number

ARC2851

Background

This gene encodes a member of the transducers of regulated cAMP response elementbinding protein activity family of transcription coactivators. These proteins promote the transcription of genes targeted by the cAMP response element-binding protein, and therefore play an important role in many cellular processes. Under basal conditions the encoded protein is phosphorylated by AMP-activated protein kinase or the salt-inducible kinases and is sequestered in the cytoplasm. Upon activation by elevated cAMP or calcium, the encoded protein translocates to the nucleus and increases target gene expression. Single nucleotide polymorphisms in this gene may increase the risk of type 2 diabetes. A pseudogene of this gene is located on the long arm of chromosome 5.

Recommended Dilutions

WB 1:500 - 1:1000

ELISA

Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID Swiss Prot 200186 Q53ET0

Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms

TORC2; TORC-2

Contact

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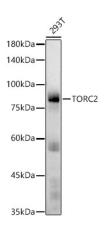
Product Information

Source Isotype **Purification** Rabbit IgG Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

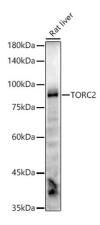


Western blot analysis of lysates from 293T cells using TORC2 Rabbit mAb (A20893) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit lgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: $25\mu g$ per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 60s.



Western blot analysis of lysates from Rat liver using TORC2 Rabbit mAb (A20893) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit $lgG\ (H+L)\ (AS014)\ at\ 1:10000\ dilution.$

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit (RM00021).

Exposure time: 60s.