

Recombinant

DGRmAb®

CREB Regulated Transcription Coactivator 2 (DGR31742) Rabbit mAb

db11256

Package : 10µL 20µL 50µL 100µL

Product Name : CREB Regulated Transcription Coactivator 2 (DGR31742) Rabbit mAb**Cat.No.:** db11256**Synonyms :** TORC2; TORC-2**Application :** WB, IHC-P**Reactivity :** Human,Rat**Host species :** Rabbit**Background**

This gene encodes a member of the transducers of regulated cAMP response element-binding 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. [provided by RefSeq, Dec 2010]

Immunogen

A synthetic peptide of human TORC2

Gene ID

200186

Swiss Prot

Q53ET0

Synonyms

TORC2; TORC-2

Reactivity

Human,Rat

Application

WB, IHC-P

Recommended dilution

WB: 1:1000-1:5000

IHC-P: 1:100-1:200

Calculated MW

73 kDa

Observed MW

80 kDa

Host species

Rabbit

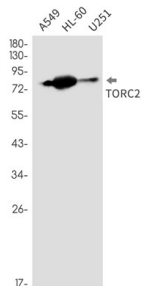
Clonality

Monoclonal

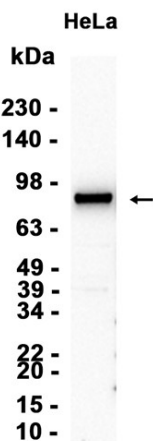
Clonality No.

DGR31742

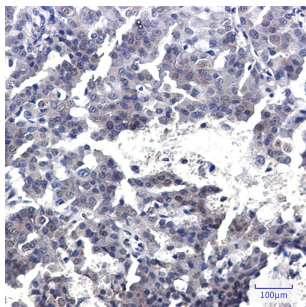
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



Western blot detection of TORC2 in A549,HL-60,U251 cell lysates using TORC2 antibody(1:1000 diluted).



Western blot analysis of extracts from HeLa cells using db11256 at 1:1000.



Immunohistochemical analysis of paraffin-embedded human breast cancer using db11256 antibody.