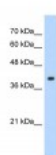




CREB1 Antibody

CATALOG NUMBER: 27-321



Antibody used in WB on Human HepG2 at
1.25 ug/ml.

Specifications

SPECIES REACTIVITY:	Dog, Human, Mouse, Rat
TESTED APPLICATIONS:	ELISA, WB
APPLICATIONS:	CREB1 antibody can be used for detection of CREB1 by ELISA at 1:312500. CREB1 antibody can be used for detection of CREB1 by western blot at 1.25 ug/mL, and HRP conjugated secondary antibody should be diluted 1:50,000 - 100,000.
USER NOTE:	Optimal dilutions for each application to be determined by the researcher.
POSITIVE CONTROL:	1) Cat. No. 1211 - HepG2 Cell Lysate
PREDICTED MOLECULAR WEIGHT:	37 kDa
IMMUNOGEN:	Antibody produced in rabbits immunized with a synthetic peptide corresponding a region of human CREB1.
HOST SPECIES:	Rabbit

Properties

PURIFICATION:	Antibody is purified by protein A chromatography method.
PHYSICAL STATE:	Lyophilized
BUFFER:	Antibody is lyophilized in PBS buffer with 2% sucrose. Add 50 uL of distilled water. Final antibody concentration is 1 mg/mL.
CONCENTRATION:	1 mg/ml
STORAGE CONDITIONS:	For short periods of storage (days) store at 4°C. For longer periods of storage, store CREB1 antibody at -20°C. As with any antibody avoid repeat freeze-thaw cycles.
CLONALITY:	Polyclonal
CONJUGATE:	Unconjugated

Additional Info

ALTERNATE NAMES:	CREB1, CREB, MGC9284
ACCESSION NO.:	NP_604391
PROTEIN GI NO.:	19745184

OFFICIAL SYMBOL: CREB1

GENE ID: 1385

Background

BACKGROUND: CREB1 is a transcription factor that is a member of the leucine zipper family of DNA binding proteins. This protein binds as a homodimer to the cAMP-responsive element, an octameric palindrome. The protein is phosphorylated by several protein kinases, and induces transcription of genes in response to hormonal stimulation of the cAMP pathway. This gene encodes a transcription factor that is a member of the leucine zipper family of DNA binding proteins. This protein binds as a homodimer to the cAMP-responsive element, an octameric palindrome. The protein is phosphorylated by several protein kinases, and induces transcription of genes in response to hormonal stimulation of the cAMP pathway. Alternate splicing of this gene results in two transcript variants encoding different isoforms.

REFERENCES: 1) Melnikova, V.O., (2006) J. Biol. Chem. 281 (5), 2911-2922.

FOR RESEARCH USE ONLY

December 12, 2016