

CREB1 antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI12057

Specification

CREB1 antibody - N-terminal region - Product Information

Application	WB
Primary Accession	Q01147
Other Accession	NM_009952 , NP_034082
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog
Predicted	Human, Mouse, Rat, Pig, Chicken, Horse, Bovine, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	38kDa KDa

CREB1 antibody - N-terminal region - Additional Information

Gene ID 12912

Alias Symbol **Creb, Creb-1,**
AV083133,
2310001E10Rik,
3526402H21Rik

Other Names

Cyclic AMP-responsive element-binding protein 1, CREB-1, cAMP-responsive element-binding protein 1, Creb1, Creb-1

Format

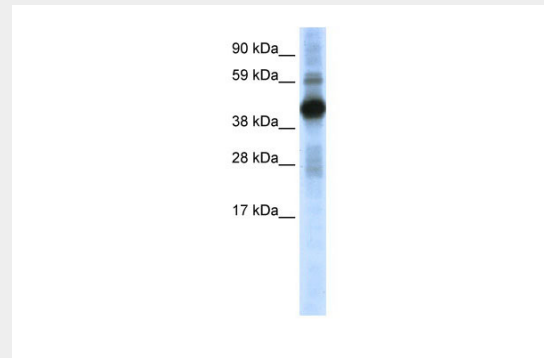
Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-CREB1 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

CREB1 antibody - N-terminal region is for



WB Suggested Anti-CREB1 Antibody Titration:
0.2-1 µg/ml
ELISA Titer: 1:312500
Positive Control: SP2/0 cell lysate

CREB1 antibody - N-terminal region - References

Pittenger, C., et al., (2006) J. Neurosci. 26(10), 2808-2813
Reconstitution and Storage: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

research use only and not for use in
diagnostic or therapeutic procedures.

**CREB1 antibody - N-terminal region - Protein
Information**

Name Creb1

Synonyms Creb-1

Function

Phosphorylation-dependent transcription factor that stimulates transcription upon binding to the DNA cAMP response element (CRE), a sequence present in many viral and cellular promoters. Transcription activation is enhanced by the TORC coactivators which act independently of Ser-119 phosphorylation. Involved in different cellular processes including the synchronization of circadian rhythmicity and the differentiation of adipose cells.

Cellular Location

Nucleus
{ECO:0000255|PROSITE-ProRule:PRU00312,
ECO:0000255|PROSITE-ProRule:PRU00978,
ECO:0000269|PubMed:21728997}

Tissue Location

Ubiquitously expressed.

**CREB1 antibody - N-terminal region -
Protocols**

Provided below are standard protocols that you
may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)