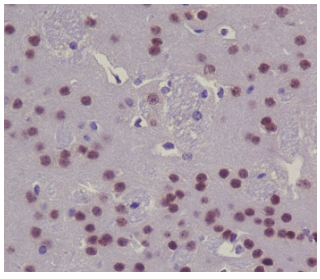
CREB1 Antibody [clone DCO-3] (RQ5476)

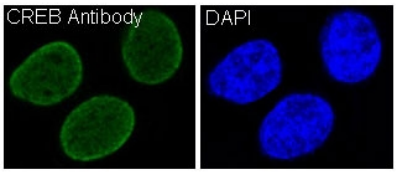
Catalog No.	Formulation	Size
RQ5476	Antibody in PBS with 0.02% sodium azide, 50% glycerol and 0.4-0.5mg/ml BSA	100 ul

Bulk quote request

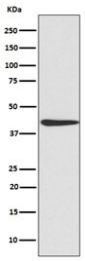
Availability	1-2 weeks
Species Reactivity	Human, Mouse
Format	Purified
Host	Rabbit
Clonality	Rabbit Monoclonal
Isotype	Rabbit IgG
Clone Name	DCO-3
Purity	Affinity purified
UniProt	P16220
Localization	Nuclear
Applications	Western blot: 1:500-1:2000 Immunohistochemistry (FFPE): 1:50-1:200 Immunofluorescence/Immunocytochemistry: 1:50-1:200
Limitations	This CREB1 antibody is available for research use only.



IHC staining of FFPE mouse brain with CREB1 antibody. HIER: boil tissue sections in pH6, 10mM citrate buffer, for 10-20 min and allow to cool before testing.



Immunofluorescent staining of FFPE human HeLa cells (green) and DAPI nuclear stain (blue). HIER: boil tissue sections in pH6, 10mM citrate buffer, for 10-20 min and allow to cool before testing.



Western blot testing of mouse NIH3T3 cell lysate with CREB1 antibody. Expected molecular weight: 37-43 kDa.

Description

The CREB1 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 several transcript variants encoding different isoforms. [RefSeq]

Application Notes

Optimal dilution of the CREB1 antibody should be determined by the researcher.

Immunogen

A synthetic peptide specific to human CREB was used as the immunogen for the CREB1 antibody.

Storage

Store the CREB1 antibody at -20oC.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com
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