Creb1 Peptide - N-Terminal Region Blocking Peptide

PRODUCT OVERVIEW

Product Name	Creb1, Blocking Peptide
Full Product Name	Creb1 Peptide - N-terminal region
Product Gene Name	Creb1 blocking peptide
Product Synonym Gene Name	2310001E10Rik; 3526402H21Rik; AV083133; Creb; Creb-1
Sequence	Synthetic peptide located within the following region: MTMESGADNQ QSGDAAVTEA ENQQMTVQAQ PQIATLAQVS MPAAHATSSA
Species Reactivity	Mouse, Human
Form/Format	Lyophilized powder
Preparation and Storage	Add 100ul of sterile PBS. Final peptide concentration is 1 mg/ml in PBS. For longer periods of storage, store at -20 degree C. Avoid repeat freeze-thaw cycles.
Antibody/Peptide Pairs	Creb1 peptide (MBS3229817) is used for blocking the activity of Creb1 antibody (MBS3204852)
Molecular Weight	35kDa
Product Categories/Family for Creb1 blocking peptide	Peptide
Applications Tested/Suitable for Creb1 blocking peptide	Western Blot (WB)
Related Product Information for Creb1 blocking peptide	This is a synthetic peptide designed for use in combination with anti-Creb1 Antibody, made Target Description: The function of this protein remains unknown.
Other Notes	Small volumes of Creb1 blocking peptide vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for Creb1 purchase	MBS3229817 is a blocking peptide targeting Creb1. Also known as Creb1 Peptide - N-terminal region. Reactive in Mouse, Human.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for Creb1. It may not necessarily be applicable to this product.

NCBI GI #	82546874
NCBI GeneID	12912
NCBI Accession #	NP_598589
UniProt Primary Accession #	Q543W0
UniProt Related Accession #	Q01147
GenBank Nucleotide #	NM_133828
NCBI Official Full Name	cyclic AMP-responsive element-binding protein 1 isoform A
NCBI Official Synonym Full Names	cAMP responsive element binding protein 1
NCBI Official Symbol	Creb1

NCBI Official Synonym Symbols	Creb; Creb-1; AV083133; 2310001E10Rik; 3526402H21Rik
Protein Family	Cyclic AMP-responsive element-binding protein
NCBI Protein Information	cyclic AMP-responsive element-binding protein 1
Research Articles on Creb1	**1.** CREB and YAP form a positive feedback loop that is critical to maintain the stability of phosphorylated CREB and promote neurite outgrowth.
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