Datasheet for ABIN6139026

anti-CREM antibody (AA 1-100)

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1 Image

Overview

Quantity:	100 µL
Target:	CREM
Binding Specificity:	AA 1-100
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CREM antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human CREM (NP_853549.1).
Sequence:	MSKCARKKYI KTNPRQMTME TVESQHDGSI TASLTESKSA HVQTQTGQNS IPALAQVAAI AETDESAESE GVIDSHKRRE ILSRRPSYRK ILNELSSDVP
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

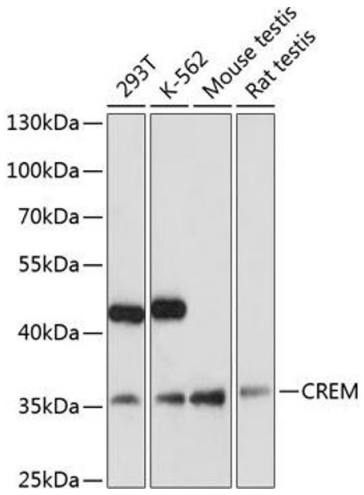
Target:	CREM
Alternative Name:	CREM (CREM Products)
Background:	This gene encodes a bZIP transcription factor that binds to the cAMP responsive element found in many viral and cellular promoters. It is an important component of cAMP-mediated signal transduction during the spermatogenetic cycle, as well as other complex processes. Alternative promoter and translation initiation site usage allows this gene to exert spatial and temporal specificity to cAMP responsiveness. Multiple alternatively spliced transcript variants encoding several different isoforms have been found for this gene, with some of them functioning as activators and some as repressors of transcription.,CREM,CREM-2,ICER,hCREM-2,Epigenetics & Nuclear Signaling,Transcription Factors,Signal Transduction,Endocrine & Metabolism,Lipid Metabolism,Neuroscience,Neurodegenerative Diseases,Dopamine Signaling in Parkinson's Disease,CREM
Molecular Weight:	11-38 kDa
Gene ID:	1390
UniProt:	Q03060
Pathways:	Retinoic Acid Receptor Signaling Pathway

Application Details

Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using CREM antibody (ABIN6133609, ABIN6139026, ABIN6139027 and ABIN6221259) at 1:3000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution.Lysates/proteins: 25 µg per lane.Blocking buffer: 3 % nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 180s.