.-online.com antibodies

Datasheet for ABIN2776017 anti-CREM antibody (C-Term)

2 Images



Overview

Quantity:	100 µL
Quantity.	
Target:	CREM
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Rabbit, Sheep, Guinea Pig, Horse, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CREM antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C-terminal region of Rat Crem
Sequence:	KNREAARECR RKKKEYVKCL ENRVAVLENQ NKTLIEELKA LKDLYCHKAE
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Sheep: 100%, Zebrafish: 100%
Characteristics:	This is a rabbit polyclonal antibody against Crem. It was validated on Western Blot.
Purification:	Affinity Purified
Target Details	

Target:	CREM
Alternative Name:	Crem (CREM Products)

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 1/3 | Product datasheet for ABIN2776017 | 09/11/2023 | Copyright antibodies-online. All rights reserved.

Target Details

Background:	Crem is a transcriptional regulator that binds the cAMP response element (CRE), a sequence
	present in many viral and cellular promoters. Isoforms are either transcriptional activators or
	repressors. Isoform Delta is an activator. Crem plays a role in spermatogenesis and is involved
	in spermatid maturation. Binding of isoform Tau (activator) to CRE is increased by CREB3L4.
	The CREM isoform Tau-CREB3L4 heterodimer functions through CRE and may recruit HIRA to
	CRE to regulate histone exchange.
	Alias Symbols: Icer
	Protein Interaction Partner: Stub1, Ubc,
	Protein Size: 357
Molecular Weight:	39 kDa
Gene ID:	25620
NCBI Accession:	NM_001110860, NP_001104330
UniProt:	Q03061
Pathways:	Retinoic Acid Receptor Signaling Pathway

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 357 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C

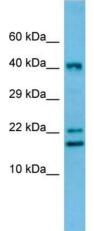
Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 2/3 | Product datasheet for ABIN2776017 | 09/11/2023 | Copyright antibodies-online. All rights reserved.

Handling

Storage Comment:

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.

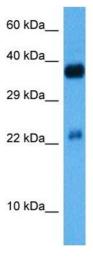
Images



Host: Rabbit Target Name: Crem Sample Tissue: Rat Thymus Lysate Antibody Dilution: 1.0µg/ml

Western Blotting

Image 1. WB Suggested Anti-Crem Antibody Titration: 1.0 ug/ml Positive Control: Rat Thymus



Western Blotting

Image 2. Host: Mouse Target Name: CREB1 Sample Tissue: Mouse Kidney Antibody Dilution: 1ug/ml