Datasheet for ABIN564569

anti-CREB3 antibody (AA 273-371)

5 Images

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Overview

Quantity:	100 µg
Target:	CREB3
Binding Specificity:	AA 273-371
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CREB3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), RNA Interference (RNAi)

Product Details

Purpose:	Mouse monoclonal antibody raised against a partial recombinant CREB3.
Immunogen:	CREB3 (NP_006359, 273 a.a. ~ 371 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	DPYQLELPAL QSEVPKDSTH QWLDGSDCVL QAPGNTSCLL HYMPQAPSAE PPLEWPFPDL FSEPLCRGPI LPLQANLTRK GGWLPTGSPS VILQDRYSG
Clone:	3H5
Isotype:	IgG2a
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

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Target Details

Target:	CREB3
Alternative Name:	CREB3 (CREB3 Products)
Background:	Full Gene Name: cAMP responsive element binding protein 3 Synonyms: LUMAN,LZIP,MGC15333,MGC19782
Gene ID:	10488
NCBI Accession:	NM_006368
Pathways:	Thyroid Hormone Synthesis, Myometrial Relaxation and Contraction, ER-Nucleus Signaling, Maintenance of Protein Location, Unfolded Protein Response

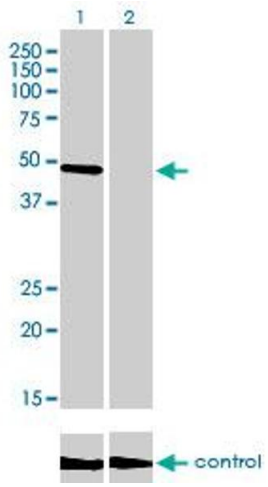
Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Images



Western Blotting

Image 1. Western blot analysis of CREB3 over-expressed 293 cell line, cotransfected with CREB3 Validated Chimera RNAi (Lane 2) or non-transfected control (Lane 1). Blot probed with CREB3 monoclonal antibody (M01), clone 3H5. GAPDH (36.1 kDa) used as specificity and loading control.

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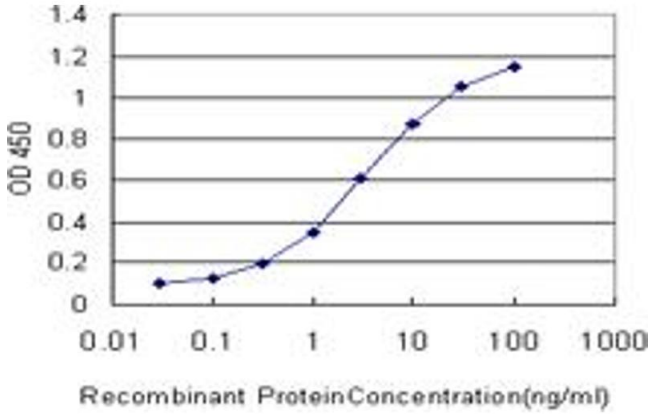
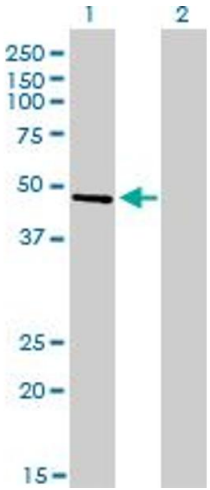


ELISA

Image 2. Detection limit for recombinant GST tagged CREB3 is approximately 0.1ng/ml as a capture antibody.



Western Blotting

Image 3. Western Blot analysis of CREB3 expression in transfected 293T cell line by CREB3 monoclonal antibody (M01), clone 3H5.

Lane 1: CREB3 transfected lysate(41.4 KDa).

Lane 2: Non-transfected lysate.

Please check the product details page for more images. Overall 5 images are available for ABIN564569.