Datasheet for ABIN129532

anti-RREB1 antibody

1 Image | 2 Publications

Go to Product page

Overview

Quantity:	500 µg
Target:	RREB1
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Rreb1 Antibody
Immunogen:	Immunogen: Anti-RREB1 antibody was prepared from whole rabbit serum produced by repeated immunizations with a recombinant protein corresponding to mouse RREB1 protein. Immunogen Type: Recombinant Protein
Isotype:	IgG
Cross-Reactivity (Details):	Anti-RREB1 antibody is directed against the mouse RREB1 protein.
Characteristics:	Synonyms: rabbit anti-RREB1 Antibody, rabbit anti-RREB 1 Antibody, FINB antibody, Finger protein in nuclear bodies antibody, LZ321 antibody, Raf responsive zinc finger protein LZ321 antibody, RAS responsive element binding protein 1 antibody
Purification:	The product was Protein A purified from monospecific antiserum by immunoaffinity purification.
Sterility:	Sterile filtered

Target Details

Target:	RREB1
Alternative Name:	Rreb1 (RREB1 Products)
Background:	Background: This antibody is designed, produced, and validated as part of a collaboration with the National Cancer Institute (NCI) and is suitable for Cancer, Neuroscience, and Signal Transduction research. RREB1 (also known as RAS-responsive element binding protein 1 and Raf responsive zinc finger protein) is a transcription factor that binds specifically to the distal RAS-responsive element (RRE) of gene promoters. May be involved in Ras/Raf-mediated cell differentiation by enhancing calcitonin expression.
Gene ID:	68750
UniProt:	Q3UH06

Application Details

Application Notes:	Application Note: This Protein A purified antibody has been tested for use in ELISA and by western blot. Specific conditions for reactivity should be optimized by the end user. Expect a predominant band approximately 90-180 kDa in size corresponding to RREB1 by western blotting in the appropriate cell lysate or extract. Multiple bands seen in the above western blot may indicate cross-reactive isoforms or truncated protein products. Western Blot Dilution: 1:500 - 1:2,000 ELISA Dilution: 1:2,000 - 1:15,000 Other: User Optimized
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 Stabilizer: None Preservative: 0.01 % (w/v) Sodium Azide
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:	4 °C,-20 °C

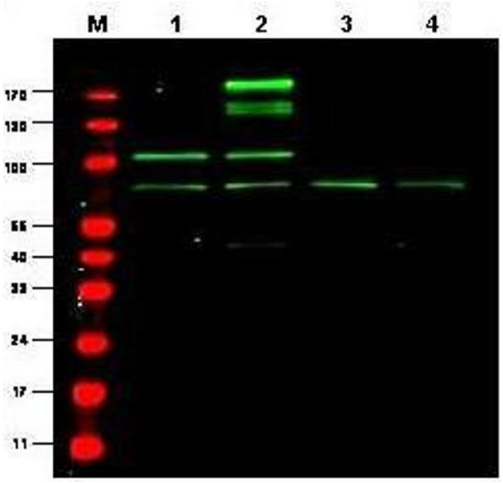
Handling

Storage Comment:	Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.
Expiry Date:	12 months

Publications

Product cited in:	Flajollet, Poras, Carosella, Moreau: "RREB-1 is a transcriptional repressor of HLA-G." in: **Journal of immunology (Baltimore, Md. : 1950)**, Vol. 183, Issue 11, pp. 6948-59, (2009) (PubMed). Kuppuswamy, Vijayalingam, Zhao, Zhou, Subramanian, Ryerse, Chinnadurai: "Role of the PLDLS-binding cleft region of CtBP1 in recruitment of core and auxiliary components of the corepressor complex." in: **Molecular and cellular biology**, Vol. 28, Issue 1, pp. 269-81, (2008) (PubMed).

Images



Western Blotting

Image 1. Western blot using Protein A Purified anti-RREB1 antibody shows detection of a predominant band believed to be RREB1 in various cell lysates (1 - HEK293, 2 - RFP-RREB transfected HEK293, 3 - M460 and 4 - T1165). All lysates were loaded at 20 ?g per lane and separated by SDS-PAGE. After transfer to nitrocellulose, the membrane was probed with the primary antibody diluted to 1:1,000. The membrane was washed and reacted with IRDye800 conjugated Gt-a-Rabbit IgG [H&L] MX . IRDye800 fluorescence image was captured using the Infrared Imaging System developed by LI-COR. IRDye is a trademark of LI-COR, Inc. Size estimation was made by comparison to prestained MW markers as indicated. Personal Communication, Shuling Zhang, CCR, NCI, Bethesda, MD.