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Datasheet for ABIN2780857
anti-RERE antibody (N-Term)

2	Images

Overview

Quantity:	100 μL
Target:	RERE
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Guinea Pig, Rabbit, Horse, Dog, Saccharomyces cerevisiae
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RERE antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human RERE
Sequence:	MTADKDKDKD KEKDRDRDRD REREKRDKAR ESENSRPRRS CTLEGGAKNY
Predicted Reactivity:	Cow: 100%, Dog: 79%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Yeast: 86%
Characteristics:	This is a rabbit polyclonal antibody against RERE. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	RERE

Target Details

Alternative Name:	RERE (RERE Products)
Background:	RERE is a member of the atrophin family of arginine-glutamic acid (RE) dipeptide repeat-containing proteins. RERE co-localizes with a transcription factor in the nucleus, and its overexpression triggers apoptosis. A similar protein in mouse associates with histone deacetylase and is thought to function as a transcriptional co-repressor during embryonic development.This gene encodes a member of the atrophin family of arginine-glutamic acid (RE) dipeptide repeat-containing proteins. The encoded protein co-localizes with a transcription factor in the nucleus, and its overexpression triggers apoptosis. A similar protein in mouse associates with histone deacetylase and is thought to function as a transcriptional co-repressor during embryonic development. Multiple transcript variants encoding different isoforms have been found for this gene. Alias Symbols: ARG, ARP, ATN1L, DNB1, FLJ38775, KIAA0458 Protein Interaction Partner: HDAC1, UBC, HDAC2, PRRC2B, KRTAP4-12, ALG13, EFEMP2, ZMYND8, RBFOX2, TRIM22, CBFA2T2, KAT6A, PRRC2A, PSMA3, PLSCR1, EFEMP1, ECM1, ATN1, ELAVL1, HIST2H3C, EHMT2, svp, Act5C, NR2E1, LZTR1, TRIP6, Protein Size: 1566
Molecular Weight:	172 kDa
Gene ID:	473
NCBI Accession:	NM_012102, NP_036234
UniProt:	Q9P2R6
Pathways:	Protein targeting to Nucleus

Application Details

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Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 1566 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 %

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Handling

	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
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
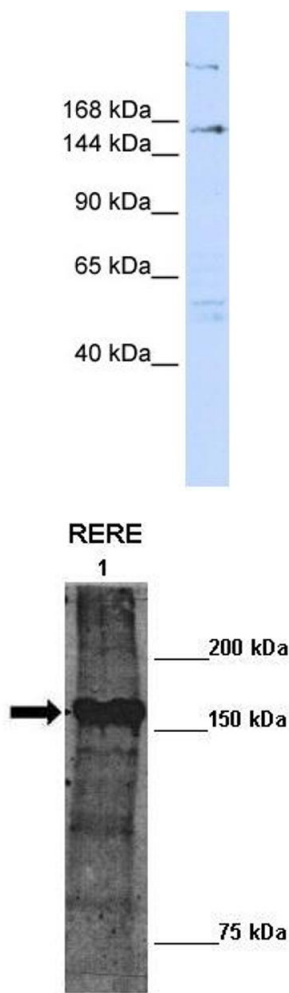
Western Blotting

Image 1. WB Suggested Anti-RERE Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:62500 Positive Control: 293T cell lysate

Western Blotting

Image 2. Lanes : Lane 1: 10ug mouse ATN2 transfected Drosophila extract Primary Antibody Dilution : 1:100 Secondary Antibody : Anti-rabbit-HRP Secondary Antibody Dilution : 1:2000 Gene Name : RERE Submitted by : Manolis Fanto, King's College London