

Datasheet for ABIN2779670
anti-REST antibody (Middle Region)

6 Images

1 Publication

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Overview

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

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human REST
Sequence:	PMLPPSAVEE REAVSKTALA SPPATMAANE SQEIDEDEGI HSHEGSDLSD
Predicted Reactivity:	Cow: 93%, Dog: 93%, Guinea Pig: 93%, Horse: 93%, Human: 100%, Mouse: 93%, Rabbit: 93%, Rat: 93%
Characteristics:	This is a rabbit polyclonal antibody against REST. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	REST
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Target Details

Alternative Name:	REST (REST Products)
Background:	<p>REST is a transcriptional repressor which represses neuronal genes in non-neuronal tissues. It is a member of the Kruppel-type zinc finger transcription factor family. It represses transcription by binding a DNA sequence element called the neuron-restrictive silencer element. The protein is also found in undifferentiated neuronal progenitor cells, and it is thought that this repressor may act as a master negative regular of neurogenesis. This gene encodes a transcriptional repressor which represses neuronal genes in non-neuronal tissues. It is a member of the Kruppel-type zinc finger transcription factor family. It represses transcription by binding a DNA sequence element called the neuron-restrictive silencer element. The protein is also found in undifferentiated neuronal progenitor cells, and it is thought that this repressor may act as a master negative regular of neurogenesis. Alternatively spliced transcript variants have been described, however, their full length nature has not been determined. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.</p> <p>Alias Symbols: NRSF, XBR</p> <p>Protein Interaction Partner: BTRC, UBC, FBXW11, CSNK1E, NEDD8, EHMT2, EIF4A3, FBXW4, FBXW7, FBXW5, FBXW8, FBXW2, SIN3A, TERF2, GRIA2, SUB1, GTF2B, Tbp, SIN3B, HDAC1, RCOR1, SP1, SMARCE1, SMARCC2, SMARCA4, CDYL, HDAC5, HDAC4, HTT, NCOR1, KDM5C, RNF2, HDAC2, STMN2, GRM2, CTDSP1,</p> <p>Protein Size: 1097</p>
Molecular Weight:	122 kDa
Gene ID:	5978
NCBI Accession:	NM_005612 , NP_005603
UniProt:	Q13127
Pathways:	Negative Regulation of Hormone Secretion , Regulation of Hormone Metabolic Process , Regulation of Hormone Biosynthetic Process , Chromatin Binding , Positive Regulation of Endopeptidase Activity

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 1097 AA
Restrictions:	For Research Use only

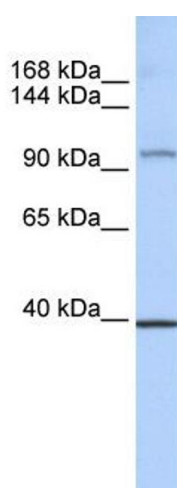
Handling

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
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.

Publications

Product cited in:	Lazrek, Goffard, Schanen, Karquel, Bocket, Lion, Devaux, Hedouin, Gosset, Hober: "Detection of hepatitis C virus antibodies and RNA among medicolegal autopsy cases in Northern France." in: Diagnostic microbiology and infectious disease , Vol. 55, Issue 1, pp. 55-8, (2006) (PubMed).
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Images

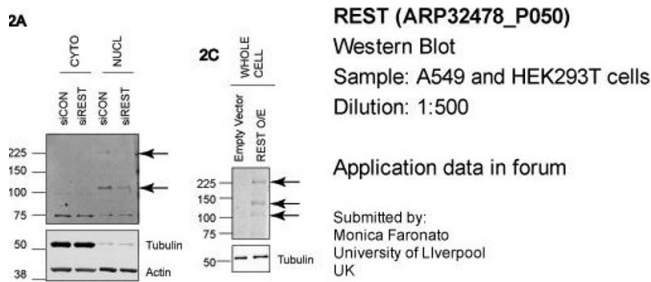


Western Blotting

Image 1. WB Suggested Anti-REST Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:62500 Positive Control: MCF7 cell lysate REST is supported by BioGPS gene expression data to be expressed in MCF7

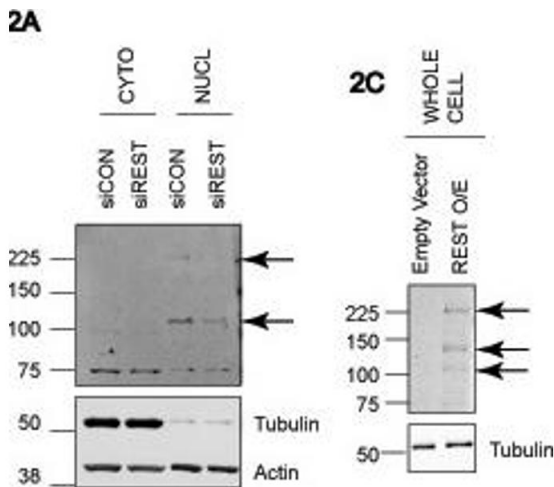
Western Blotting

Image 2.



Western Blotting

Image 3. REST antibody - middle region validated by WB using A549 and HEK293T cells at 1: 500.



Please check the [product details page](#) for more images. Overall 6 images are available for ABIN2779670.