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# Datasheet for ABIN3028976 anti-REST antibody (AA 542-570)

2 Images



### Overview

Quantity:	0.4 mL
Target:	REST
Binding Specificity:	AA 542-570
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This REST antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

## Product Details

Immunogen:	A portion of amino acids 542-570 from the human protein was used as the immunogen for this
	REST antibody.
Isotype:	Ig Fraction
Purification:	Antigen affinity purified

## Target Details

Target:	REST
Alternative Name:	REST (REST Products)
Background:	Transcriptional repressor which binds neuron-restrictive silencer element (NRSE) and represses
	neuronal gene transcription in non-neuronal cells. Restricts the expression of neuronal genes by
	associating with two distinct corepressors, mSin3 and CoREST, which in turn recruit histone

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	deacetylase to the promoters of REST-regulated genes. Mediates repression by recruiting the BHC complex at RE1/NRSE sites which acts by deacetylating and demethylating specific sites on histones, thereby acting as a chromatin modifier.
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:	Titration of the REST antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	In 1X PBS, pH 7.4, with 0.09 % 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:	-20 °C
Storage Comment:	Aliquot the REST antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.

Target Details



### Western Blotting

**Image 1.** REST antibody western blot analysis in Jurkat lysate.

#### Western Blotting

**Image 2.** REST antibody western blot analysis in Jurkat lysate.

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