

## Datasheet for ABIN7118333 **anti-REST antibody**



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### Overview

Quantity:	100 µg
Target:	REST
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This REST antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunoprecipitation (IP)

### Product Details

Immunogen:	RE1-silencing transcription factor
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

### Target Details

Target:	REST
Alternative Name:	REST ( <a href="#">REST Products</a> )
Background:	Synonyms:NRSF, REST, X2 box repressor, XBR 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 deacetylase to the promoters of

## Target Details

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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. Transcriptional repression by REST-CDYL via the recruitment of histone methyltransferase EHMT2 may be important in transformation suppression.

Molecular Weight: 122 kDa, 200kd

Gene ID: 5978

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

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Application Notes: WB: 1:500-1:1000, IP: 1:500-1:2000

Restrictions: For Research Use only

## Handling

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Format: Liquid

Buffer: PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,

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: -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Expiry Date: 12 months