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Datasheet for ABIN7167428

anti-REST antibody (AA 250-350) (HRP)

Overview

Quantity:	100 µg
Target:	REST
Binding Specificity:	AA 250-350
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This REST antibody is conjugated to HRP
Application:	ELISA

Product Details

Immunogen:	Recombinant Human RE1-silencing transcription factor protein (250-350AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	REST
Alternative Name:	REST (REST Products)
Background:	Background: Transcriptional repressor which binds neuron-restrictive silencer element (NRSE) and represses neuronal gene transcription in non-neuronal cells. Restricts the expression of

Target Details

neuronal genes by associating with two distinct corepressors, mSin3 and CoREST, which in turn recruit histone 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.

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

Aliases: Neural Restrictive Silencer Factor antibody, Neural-restrictive silencer factor antibody, Neuron Restrictive Silencer Factor antibody, NRSF antibody, RE1 silencing transcription factor antibody, RE1-silencing transcription factor antibody, Repressor binding to the X2 box antibody, rest antibody, REST protein antibody, REST_HUMAN antibody, X2 box repressor antibody, XBR antibody

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 dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.