

REST Antibody

Catalog No: #21475



Package Size: #21475-1 50ul #21475-2 100ul #21475-4 25ul

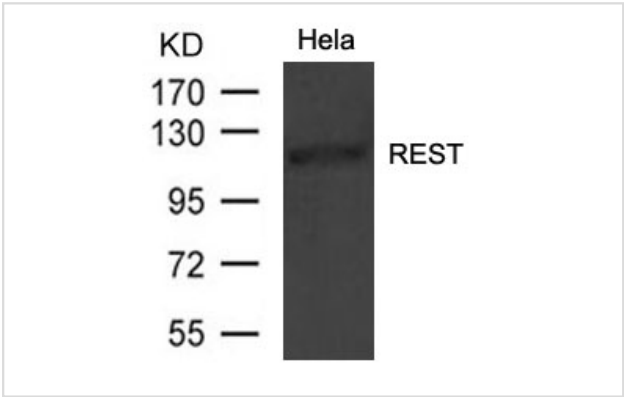
Overview

Product Name	REST Antibody
Host Species	Rabbit
Clonality	Polyclonal
Applications	WB
Species Reactivity	Hu
Immunogen Type	Peptide-KLH
Target Name	REST
Alternative Names	NRSF; XBR; REST

Application Details

Predicted MW: 121kd
Western blotting: 1:500~1:1000

Images



Western blot analysis of extract from HeLa cells using REST Antibody #21475

Descriptions

Immunogen	Peptide sequence around aa.873~877(R-E-E-A-S) derived from Human REST.
Specificity	The antibody detects endogenous level of total REST protein.
Purification	Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.
Accession NO.	Swiss-Prot: Q13127NCBI Protein: NP_001180437.1

Related Information

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 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.

Chong J.A.et.al. (1995)Cell 80:949-957

Schoenherr C.J.et.al.(1995)Science 267:1360-1363

Scholl T.et.al.(1996)J. Immunol. 156:1448-1457

Lunyak V.V.et.al. (2002)Science 298:1747-1752

Note: This product is for in vitro research use only and is not intended for use in humans or animals.