Product Datasheet

REST Antibody

Catalog No: #21475

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

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

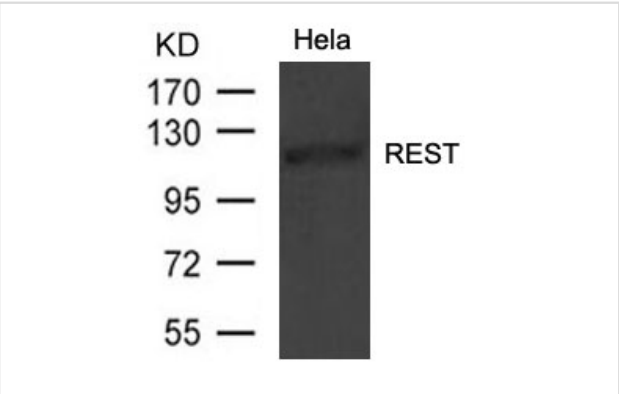
Product Name	REST Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.
Applications	WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total REST protein.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around aa.873~877(R-E-E-A-S) derived from Human REST.
Target Name	REST
Other Names	NRSF; XBR; REST
Accession No.	Swiss-Prot: Q13127NCBI Protein: NP_001180437.1
Concentration	1.0mg/ml
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.

Application Details

Predicted MW: 121kd

Western blotting: 1:500~1:1000

Images



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

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 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.