

REST Antibody

Catalog No: #21475

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

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

Description

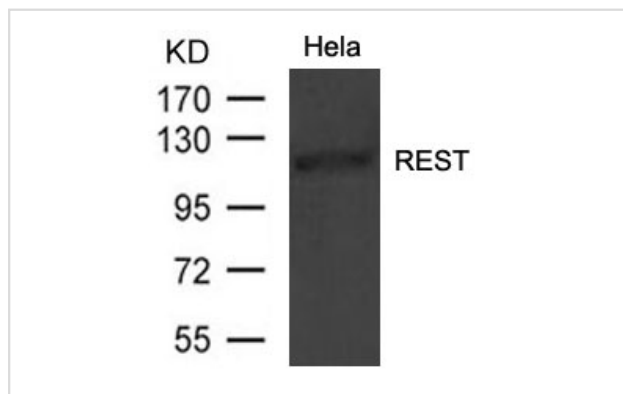
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|-----------------------|---|
| Product Name | REST Antibody |
| Host Species | Rabbit |
| Clonality | Polyclonal |
| Purification | Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified 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 Mg ²⁺ and Ca ²⁺), 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.