

35-1704: Polyclonal Antibody to REST

Clonality :	Polyclonal
Application :	WB
Reactivity :	Human
Gene :	REST
Gene ID :	5978
Uniprot ID :	Q13127
Format :	Purified
Alternative Name :	NRSF, XBR, REST
Isotype :	Rabbit IgG
Immunogen Information :	Peptide sequence around aa.873~877(R-E-E-A-S) derived from Human REST.

Description

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.

Product Info

Amount :	50 µl / 100 µl
Content :	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 condition :	Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.

Application Note

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

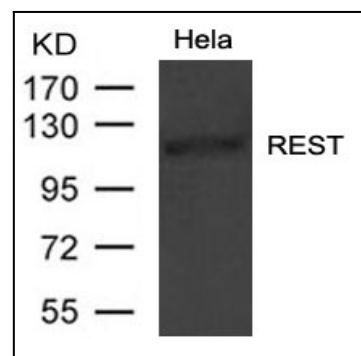


Figure 1: Western blot analysis of extract from HeLa cells using REST Antibody 35-1704