

REST antibody

Product Information

Catalog No.:	FNab07244
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.)

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

Immunogen information

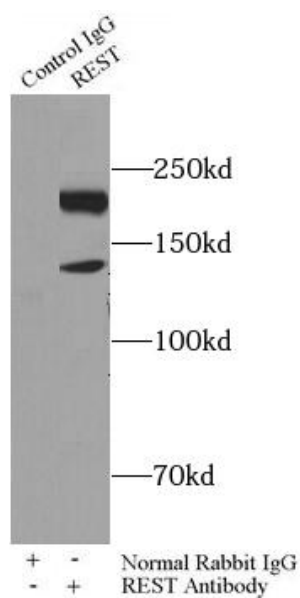
Immunogen:	RE1-silencing transcription factor
Synonyms:	RE1-silencing transcription factor Neural-restrictive silencer factor X2 box repressor REST NRSF XBR
Observed MW:	122 kDa, 200kd
Uniprot ID :	Q13127

Application

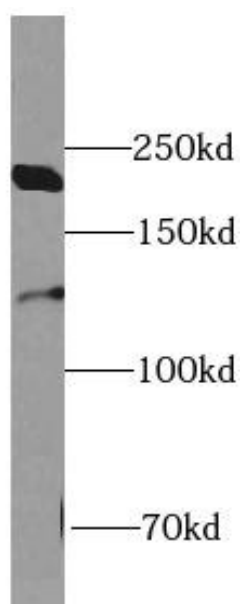
Reactivity:	Human, Rat
Tested Application:	ELISA, WB, IP

Recommended dilution: WB: 1:500-1:1000; IP: 1:500-1:2000

Image:



IP Result of anti-REST (IP: FNab07244, 3ug;
Detection: FNab07244 1:2000) with HeLa cells
lysate 2500ug.



HeLa cells were subjected to SDS PAGE followed
by western blot with FNab07244(REST Antibody)
at dilution of 1:1000