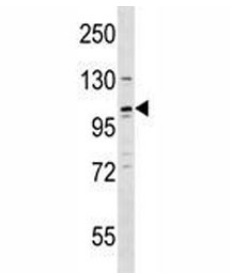
REST Antibody (F45229)

Catalog No.	Formulation	Size
F45229-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F45229-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	Q13127
Applications	Western blot: 1:1000
Limitations	This REST antibody is available for research use only.



REST antibody western blot analysis in Jurkat lysate.

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.

Application Notes

Titration of the REST antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 542-570 from the human protein was used as the immunogen for this REST antibody.

Storage

Aliquot the REST antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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