


Anti-REST / NRSF antibody ab21635

★★★★☆ **4 Abreviews** **33 References**

Overview

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|----------------------------|---|
| Product name | Anti-REST / NRSF antibody |
| Description | Rabbit polyclonal to REST / NRSF |
| Host species | Rabbit |
| Tested applications | Suitable for: WB Unsuitable for: IHC-P |
| Species reactivity | Reacts with: Human Predicted to work with: Mouse, Rat  |
| Immunogen | Synthetic peptide corresponding to Mouse REST/ NRSF aa 1050 to the C-terminus (internal sequence) conjugated to keyhole limpet haemocyanin. (Peptide available as ab17042) |
| General notes | <p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p> |

Properties

| | |
|-----------------------------|--|
| Form | Liquid |
| Storage instructions | Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle. |
| Storage buffer | pH: 7.40 Preservative: 0.02% Sodium azide Constituent: PBS Batches of this product that have a concentration < 1mg/ml may have BSA added as a stabilising agent. If you would like information about the formulation of a specific lot, please contact our scientific support team who will be happy to help. |
| Purity | Immunogen affinity purified |

| | |
|------------------|------------|
| Clonality | Polyclonal |
| Isotype | IgG |

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab21635 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| Application | Abreviews | Notes |
|-------------|-----------|--|
| WB | ★★★★★ (2) | Use a concentration of 1 µg/ml. Detects a band of approximately 121 kDa (predicted molecular weight: 121 kDa). |

Application notes Is unsuitable for IHC-P.

Target

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|------------------------------|---|
| Function | 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. |
| Tissue specificity | Ubiquitous. Expressed at higher levels in the tissues of the lymphocytic compartment, including spleen, thymus, peripheral blood lymphocytes and ovary. |
| Sequence similarities | Contains 9 C2H2-type zinc fingers. |
| Cellular localization | Nucleus. |

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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