

Anti-CrkL (phospho-Y207) Antibody

Catalog Number: A02100Y207

About CRKL

Chromatin reader that specifically recognizes and binds histone H3.3 trimethylated at 'Lys-36' (H3.3K36me3) and regulates RNA polymerase II elongation. Does not bind other histone H3 subtypes (H3.1 or H3.2) By similarity. Colocalizes with highly expressed genes and functions as a transcription corepressor by modulating RNA polymerase II at the elongation stage. Acts as a tumor-suppressor by repressing a transcriptional program essential for tumor cell growth.

Hateboer G., EMBO J. 14:3159-3169(1995).

Deloukas P., Nature 429:375-381(2004).

Matsuoka S., Science 316:1160-1166(2007).

Overview

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| Product Name | Anti-CrkL (phospho-Y207) Antibody |
| Reactive Species | Human, Mouse, Rat |
| Description | Boster Bio Anti-CrkL (phospho-Y207) Antibody catalog # A02100Y207. Tested in WB,IHC applications. This antibody reacts with Human,Mouse,Rat. |
| Application | IHC, WB |
| Clonality | Polyclonal |
| Formulation | Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2 |
| Storage Instructions | Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles. |
| Host | Rabbit |
| Uniprot ID | P46109 |

Technical Details

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| Immunogen | Synthesized peptide derived from human Siah-1/2 |
| Predicted Reactive Species | Boar, Bovine, Canine, Golden Hamster |
| Isotype | IgG |
| Form | Liquid |
| Concentration | 1 mg/ml |
| Purification | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope- |

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| | specific immunogen and the purity is > 95% (by SDS-PAGE). |
| Suggested Dilutions | <p>Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.</p> <p>If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.</p> <p>Some PubMed article(s) citing the expression level of this target are as follows:</p> <p>Boster Bio's internal QC testing used:</p> <p>WB: 1:500-1:1000</p> <p>IHC: 1:50-1:200</p> |

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