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Datasheet for ABIN7138482
anti-HNRNPK antibody (pSer216)

1 Image

Overview

| | |
|----------------------|---------------------------------------|
| Quantity: | 100 µL |
| Target: | HNRNPK |
| Binding Specificity: | pSer216 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This HNRNPK antibody is un-conjugated |
| Application: | Western Blotting (WB), ELISA |

Product Details

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|-------------------|--|
| Immunogen: | Peptide sequence around phosphorylation site of serine 216 (S-E-S(p)-P-I) derived from Human hnRNP K. |
| Isotype: | IgG |
| Cross-Reactivity: | Human, Mouse, Rat |
| Purification: | Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using |

Target Details

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|-------------------|--|
| Target: | HNRNPK |
| Alternative Name: | HNRNPK (HNRNPK Products) |

Target Details

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| Background: | <p>Background: One of the major pre-mRNA-binding proteins. Binds tenaciously to poly(C) sequences. Likely to play a role in the nuclear metabolism of hnRNAs, particularly for pre-mRNAs that contain cytidine-rich sequences. Can also bind poly(C) single-stranded DNA. Plays an important role in p53/TP53 response to DNA damage, acting at the level of both transcription activation and repression. When sumoylated, acts as a transcriptional coactivator of p53/TP53, playing a role in p21/CDKN1A and 14-3-3 sigma/SFN induction. By similarity. As far as transcription repression is concerned, acts by interacting with long intergenic RNA p21 (lincRNA-p21), a non-coding RNA induced by p53/TP53. This interaction is necessary for the induction of apoptosis, but not cell cycle arrest.</p> <p>Aliases: CSBP antibody, dC stretch binding protein antibody, FLJ41122 antibody, Heterogeneous nuclear ribonucleoprotein K antibody, hnRNP K antibody, HNRNPK antibody, HNRPK antibody, HNRPK_HUMAN antibody, Transformation up regulated nuclear protein antibody, Transformation up-regulated nuclear protein antibody, Transformation upregulated nuclear protein antibody, TUNP antibody</p> |
|-------------|---|

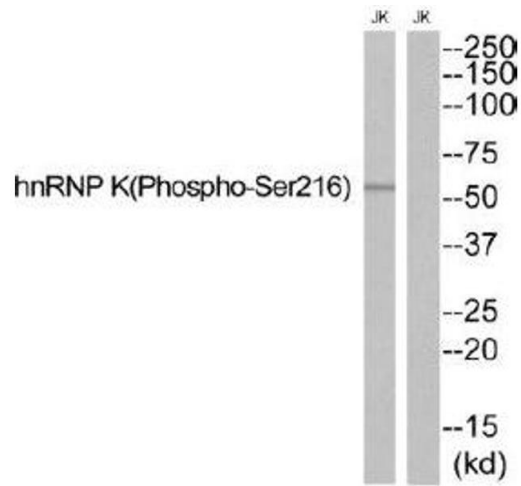
UniProt: [P61978](#)

Application Details

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|--------------------|-----------------------|
| Application Notes: | WB:1:500-1:3000, |
| Restrictions: | For Research Use only |

Handling

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|--------------------|---|
| Format: | Liquid |
| Buffer: | Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | -20 °C,-80 °C |
| Storage Comment: | Upon receipt, store at -20°C or -80°C. Avoid repeated freeze. |



Western Blotting

Image 1. Western blot analysis of extracts from JurKat cells, using hnRNP K (Phospho-Ser216) antibody. The lane on the right is treated with the synthesized peptide.