

AB-NN441-3

14-3-3-pan-2 Antibody

Pan-specific rabbit polyclonal antibody for 14-3-3 (KCIP-1)



KINEXUS

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Target Protein

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|--------------------------------|--|
| Protein Name Long: | 14-3-3 protein beta/alpha (cross-reacts with other isoforms) |
| Protein Alias: | 1433B; 143B; KCIP-1; Protein 1054; Protein kinase C inhibitor protein-1; YWHAB |
| UniProt ID: | P31946 |
| Protein Molecular Mass: | 28,082 Da (246 AA) |

Immunogen

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| Antibody Immunogen Source: | Synthetic peptide patterned after human 14-3-3-1 |
| Antibody Immunogen Sequence: | CSYKDSTLIMQLLRDNLTLW |
| Antibody Immunogen Description: | Corresponds to amino acid residues S210 to W228 of 14-3-3-beta . |
| Antibody Target Type: | Pan-specific |

Production

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| Antibody Host Species: | Rabbit |
| Antibody Type: | Polyclonal |
| Antibody Isotype: | IgG |
| Production Method: | The immunizing peptide was produced by solid phase synthesis on a multipep peptide synthesizer and purified by reverse-phase hplc chromatography. Purity was assessed by analytical hplc and the amino acid sequence confirmed by mass spectrometry analysis. This peptide was coupled to KLH prior to immunization into rabbits. New Zealand White rabbits were subcutaneously injected with KLH-coupled immunizing peptide every 4 weeks for 4 months. The sera from these animals was applied onto an agarose column to which the immunogen peptide was thio-linked. Antibody was eluted from the column with 0.1 M glycine, pH 2.5. Subsequently, the antibody solution was neutralized to pH 7.0 with saturated Tris. |
| Amount: | 25 µg |
| Antibody Concentration: | 1.0 mg/ml |
| Storage Buffer: | Phosphate buffered saline pH 7.4, 0.05% Thimerasol |
| Storage Conditions: | For long term storage, keep frozen at -40°C or lower. Stock solution can be kept at +4°C for more than 3 months. Avoid repeated freeze-thaw cycles. |
| Storage Stability: | >2 years |

Applications

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| Product Use: | Western blotting Antibody microarray |
| Antibody Dilution Recommended: | 2 µg/ml for immunoblotting |
| Antibody Species Reactivity: | Human Chimpanzee Rhesus macaque Dog Rat Mouse Platypus Chicken Frog Zebra fish Fruit fly Honey bee Nematode worm Budding yeast |

This product is for in vitro research use only and is not intended for use in humans or animals.

For more information on our products please visit <https://kinexus-ca.myshopify.com/> or contact us at 1-866-546-3987