

ARG41327 anti-NAPSIN A antibody

Package: 100 µl
Store at: -20°C

Summary

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| Product Description | Rabbit Polyclonal antibody recognizes NAPSIN A |
| Tested Reactivity | Hu |
| Tested Application | IP, WB |
| Host | Rabbit |
| Clonality | Polyclonal |
| Isotype | IgG |
| Target Name | NAPSIN A |
| Species | Human |
| Immunogen | Synthetic peptide derived from Human NAPSIN A. |
| Conjugation | Un-conjugated |
| Alternate Names | ASP4; EC 3.4.23.-; NAP1; TA01/TA02; Napsin-1; SNAPA; Asp 4; KAP; NAPA; Aspartyl protease 4; Kdap; Napsin-A |

Application Instructions

| Application table | Application | Dilution |
|-------------------|--|-----------------|
| | IP | 1:50 |
| | WB | 1:1000 - 1:5000 |
| Application Note | * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist. | |
| Observed Size | ~ 47 kDa | |

Properties

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| Form | Liquid |
| Purification | Affinity purified. |
| Buffer | PBS (pH 7.4), 150 mM NaCl, 0.02% Sodium azide and 50% Glycerol. |
| Preservative | 0.02% Sodium azide |
| Stabilizer | 50% Glycerol |
| Storage instruction | For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use. |
| Note | For laboratory research only, not for drug, diagnostic or other use. |

Bioinformation

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| Gene Symbol | NAPSA |
| Gene Full Name | napsin A aspartic peptidase |
| Background | The activation peptides of aspartic proteinases plays role as inhibitors of the active site. These peptide segments, or pro-parts, are deemed important for correct folding, targeting, and control of the activation of aspartic proteinase zymogens. The pronapsin A gene is expressed predominantly in lung and kidney. Its translation product is predicted to be a fully functional, glycosylated aspartic proteinase precursor containing an RGD motif and an additional 18 residues at its C-terminus. [provided by RefSeq, Jul 2008] |
| Function | May be involved in processing of pneumocyte surfactant precursors. [UniProt] |
| Calculated Mw | 45 kDa |
| Cellular Localization | Secreted. [UniProt] |

Images

