

## Rabbit NAT14 Polyclonal Antibody | anti-NAT14 antibody

NAT14 Antibody (N-term)

|                               |                       |                                                                          |                                                                  |
|-------------------------------|-----------------------|--------------------------------------------------------------------------|------------------------------------------------------------------|
| CATALOG #<br><b>AAA288417</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human (Predicted Reactivity: Bovine, Monkey, Mouse)</b> | APPLICATIONS<br><b>Western Blot, Immunohistochemistry, ELISA</b> |
|-------------------------------|-----------------------|--------------------------------------------------------------------------|------------------------------------------------------------------|

### PRODUCT SYNONYMS

NAT14; Polyclonal Antibody; NAT14 Antibody (N-term); N-acetyltransferase 14; 231-; K562 cell-derived leucine-zipper-like protein 1; KLP1; anti-NAT14 antibody

### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                                                                     |
|-------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                                                              |
| Reactivity                                      | Human (Predicted Reactivity: Bovine, Monkey, Mouse)                                                                                                                 |
| Clonality                                       | Polyclonal                                                                                                                                                          |
| Isotype                                         | Rabbit IgG                                                                                                                                                          |
| Specificity                                     | This NAT14 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 5-33 amino acids from the N-terminal region of human NAT14. |
| Purity/Purification                             | This antibody is purified through a protein A column, followed by peptide affinity purification.                                                                    |
| Form/Format                                     | Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.                                                                                         |
| Sequence Positions                              | 5-33                                                                                                                                                                |
| Sequence Length                                 | 206                                                                                                                                                                 |
| Applicable Applications for anti-NAT14 antibody | WB (Western Blot), IHC (Immunohistochemistry), ELISA                                                                                                                |
| Function                                        | Probable acetyltransferase.                                                                                                                                         |
| Cellular Location                               | Membrane; Single-pass membrane protein                                                                                                                              |
| Tissue Location                                 | Expressed in K-562 and HeLa cell lines and in brain.                                                                                                                |
| Preparation and Storage                         | Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.               |

### IMAGES



#### IHC (Immunohistochemistry)

NAT14 antibody (N-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human hepatocarcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the NAT14 antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



#### WB (Western Blot)

Western blot analysis of lysate from K562 cell line, using NAT14 Antibody (N-term). AAA288417 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L (HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35ug per lane.

ADDITIONAL INFORMATION

|            |                                                                                                                                                                                                                                                                                                                 |
|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| References | Wiame, E., et al. Biochem. J. 425(1):127-136(2010)<br>Lamesch, P., et al. Genomics 89(3):307-315(2007)<br>Oh, J.H., et al. Mamm. Genome 16(12):942-954(2005)<br>Takahashi, S., et al. Biochim. Biophys. Acta 1522(3):207-211(2001)<br>Takahashi, S., et al. Biochem. Biophys. Res. Commun. 273(2):596-602(2000) |
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NCBI AND UNIPROT INFORMATION

|                                  |                                                 |
|----------------------------------|-------------------------------------------------|
| NCBI GI #                        | 23943862                                        |
| NCBI GeneID                      | 57106                                           |
| NCBI Accession #                 | NP_065111.1                                     |
| NCBI GenBank Nucleotide #        | NM_020378.3                                     |
| UniProt Accession #              | Q8WUY8; Q8TDY7; Q9NS72                          |
| Molecular Weight                 | 21650                                           |
| NCBI Official Full Name          | N-acetyltransferase 14                          |
| NCBI Official Synonym Full Names | N-acetyltransferase 14 (GCN5-related, putative) |
| NCBI Official Symbol             | NAT14                                           |
| NCBI Official Synonym Symbols    | KLP1                                            |
| NCBI Protein Information         | N-acetyltransferase 14                          |
| UniProt Protein Name             | N-acetyltransferase 14                          |
| UniProt Gene Name                | <b>NAT14</b>                                    |
| UniProt Synonym Gene Names       | KLP1                                            |
| UniProt Entry Name               | NAT14_HUMAN                                     |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/nat14-antibody-western-blot-immunohistochemistry-elisa/288417>