

Datasheet for ABIN213415
anti-NANP antibody (Internal Region)



[Go to Product page](#)

2 Images

Overview

| | |
|----------------------|---|
| Quantity: | 50 µg |
| Target: | NANP |
| Binding Specificity: | Internal Region |
| Reactivity: | Human, Rat, Mouse, Rabbit, Monkey, Hamster |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This NANP antibody is un-conjugated |
| Application: | Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |

Product Details

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|-----------------------|--|
| Brand: | IHC-plus™ |
| Immunogen: | Synthetic 16 amino acid peptide from internal region of human NANP. Percent identity with other species by BLAST analysis: Human, Gorilla, Gibbon, Monkey, Marmoset, Mouse, Rat, Hamster, Rabbit (100%), Dog, Panda, Pig (94%), Bovine (88%), Bat (81%). Type of Immunogen: Synthetic peptide |
| Specificity: | Human NANP. BLAST analysis of the peptide immunogen showed no homology with other human proteins. |
| Predicted Reactivity: | Percent identity with other species by BLAST analysis: Human, Gorilla, Gibbon, Monkey, Marmoset, Mouse, Rat, Hamster, Rabbit (100%) Dog, Panda, Pig (94%) Bovine (88%) Bat (81%). |
| Purification: | Immunoaffinity purified |

Target Details

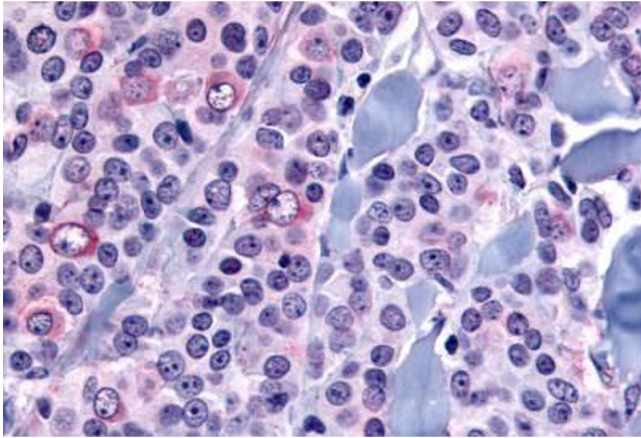
| | |
|-------------------|--|
| Target: | NANP |
| Alternative Name: | NANP (NANP Products) |
| Background: | Name/Gene ID: NANP Family: Phosphatase Synonyms: NANP, C20orf147, DJ694B14.3, Neu5Ac-9-Pase, HDHD4 |
| Gene ID: | 140838 |

Application Details

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|--------------------|--|
| Application Notes: | Approved: IHC, IHC-P (8 µg/mL) Usage: Immunohistochemistry: This antibody was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity. The optimal working concentration for this antibody was determined to be 8 µg/mL. |
| Comment: | Target Species of Antibody: Human |
| Restrictions: | For Research Use only |

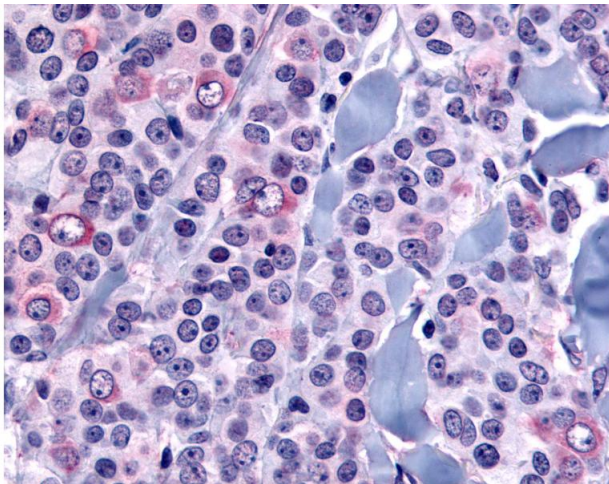
Handling

| | |
|--------------------|---|
| Format: | Liquid |
| Concentration: | Lot specific |
| Buffer: | PBS, less than 0.1 % sodium azide. |
| 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: | 4 °C, -20 °C |
| Storage Comment: | Aliquot and store undiluted at -20°C or below for up to 1 year. Can be stored undiluted at 4°C for up to 1 month. Avoid freeze-thaw cycles. |
| Expiry Date: | 12 months |



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Human Neoplastic Cells (formalin-fixed, paraffin-embedded) stained with NANP antibody ABIN213415 at 8 ug/ml followed by biotinylated goat anti-rabbit IgG secondary antibody ABIN481713, alkaline phosphatase-streptavidin and chromogen.



Immunohistochemistry

Image 2. Anti-NANP antibody IHC of human Breast, Carcinoma. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.