10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

# NAT9 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP57360

## Product Information

| | |
|---|---|
| **Application** | IHC-P, IHC-F, IF, ICC |
| **Primary Accession** | Q9BTE0 |
| **Reactivity** | Rat, Dog |
| **Host** | Rabbit |
| **Clonality** | Polyclonal |
| **Calculated MW** | 23361 |
| **Physical State** | Liquid |
| **Immunogen** | KLH conjugated synthetic peptide derived from human NAT9 |
| **Epitope Specificity** | 101-200/207 |
| **Isotype** | IgG |
| **Purity** | affinity purified by Protein A |
| **Buffer** | 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. |
| **SIMILARITY** | Belongs to the acetyltransferase family. GNAT subfamily. Contains 1 N-acetyltransferase domain. |
| **Important Note** | This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications. |
| **Background Descriptions** | NAT-9 is a 207 amino acid protein belonging to the acetyltransferase family and the GNAT subfamily. Containing a N-acetyltransferase domain, NAT-9 may be associated with psoriasis and psoriatic arthritis, a type of inflammatory/autoimmune disease that affects skin, tendons and/or joints of the hands and feet. Expressed as two isoforms produced by alternative splicing events, NAT-9 is encoded by a gene located on human chromosome 17, which comprises over 2.5% of the human genome and encodes over 1,200 genes. |

## Additional Information

| | |
|---|---|
| **Gene ID** | 26151 |
| **Other Names** | N-acetyltransferase 9, 2.3.1.-, Embryo brain-specific protein, NAT9, EBS |
| **Dilution** | IHC-P=1:100-500,IHC-F=1:100-500,ICC=1:100-500,IF=1:100-500 |
| **Format** | 0.01M TBS(pH7.4) with 1% BSA, 0.09% (W/V) sodium azide and 50% Glyce |
| **Storage** | Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C. |

## Protein Information

| | |
|---|---|
| **Name** | NAT9 |
| **Synonyms** | EBS |
| **Function** | N-acetyltransferase that mediates the acetylation of the N- terminal residues of alpha- and beta-tubulin. |