# NAT8B Rabbit pAb

**Catalog NO.: A7203**

## Basic Information

### Observed MW
25kDa

### Calculated MW
25kDa

### Category
Polyclonal Antibodies

### Applications
WB, IHC-P, ELISA

### Cross-Reactivity
Human, Mouse, Rat

### Conjugation
Unconjugated

## Background

This gene is highly similar to the N-acetyltransferase 8 (NAT8) gene which encodes a kidney and liver protein with homology to bacterial acetyltransferases involved in drug resistance. This gene is localized on chromosome 2 in the vicinity of the NAT8 gene and represents a human-specific transcribed pseudogene of NAT8. This gene contains two common polymorphic nonsense mutations that disrupt the active site of the protein. In the extremely rare event when both nonsense mutations are absent, the predicted protein would contain a complete acetyltransferase domain and would be identical in length to NAT8.

## Recommended Dilutions

| | |
|---|---|
| **WB** | 1:500 - 1:2000 |
| **IHC-P** | 1:50 - 1:200 |

### ELISA
Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

## Immunogen Information

### Gene ID
51471

### Swiss Prot
Q9UHF3

### Immunogen
Recombinant protein (or fragment).This information is considered to be commercially sensitive.

### Synonyms
CML2; Hcml2; NAT8BP; NAT8B

## Contact

## Product Information

order@abclonal.com
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www.abclonal.com

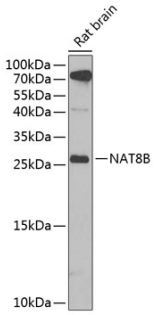
**Source**
Rabbit

**Isotype**
IgG

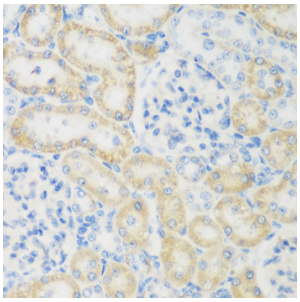
**Purification**
Affinity purification

**Storage**
Store at -20°C. Avoid freeze / thaw cycles.
Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

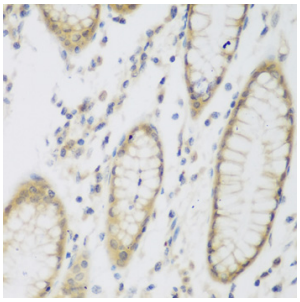
## Validation Data



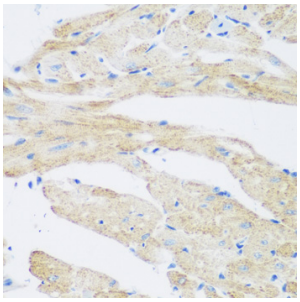

Western blot analysis of lysates from rat brain, using NAT8B Rabbit pAb (A7203) at 1:1000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Enhanced Kit (RM00021).
Exposure time: 90s.



Immunohistochemistry analysis of paraffin-embedded Rat kidney using NAT8B Rabbit pAb (A7203) at dilution of 1:200 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human stomach using NAT8B Rabbit pAb (A7203) at dilution of 1:200 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Mouse heart using NAT8B Rabbit pAb (A7203) at dilution of 1:200 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.

For research use only. Not for therapeutic or diagnostic purposes.

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