

## NAT8L Antibody

Catalog No: #46620

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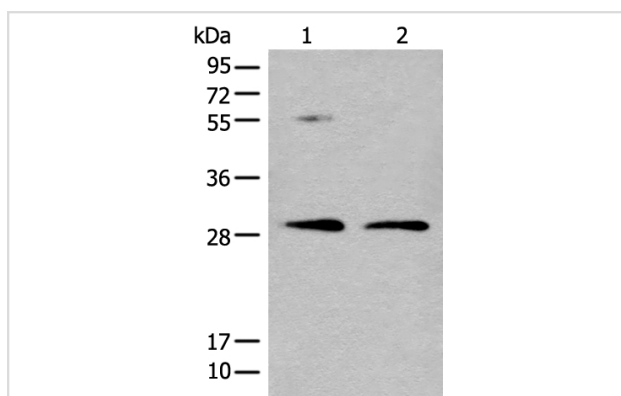
## Description

|                       |  |
|-----------------------|--|
| Product Name          | NAT8L Antibody   |
| Host Species          | Rabbit   |
| Clonality             | Polyclonal   |
| Purification          | Antigen affinity purification  |
| Applications          | WB   |
| Species Reactivity    | Hu Ms Rt   |
| Specificity           | The antibody detects endogenous levels of total NAT8L protein.                 |
| Immunogen Type        | peptide  |
| Immunogen Description | Synthetic peptide corresponding to residues near the C terminal of human NAT8L |
| Target Name           | NAT8L  |
| Other Names           | CML3; NAGED; NAT8-LIKE   |
| Accession No.         | Swiss-Prot:Q8N9F0NCBI Gene ID:339983NCBI Protein:NP_848652                     |
| Uniprot               | Q8N9F0   |
| GeneID                | 339983;  |
| Calculated MW         | 33 kDa   |
| Concentration         | 0.7mg/ml   |
| Formulation           | Rabbit IgG in pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol.                |
| Storage               | Store at -20°C   |

## Application Details

Western blotting: 1:200-1:1000

## Images



Gel: 12%SDS-PAGE

lysate: 40 µg, Lane 1-2: 293T and A172 cell lysates,  
Primary antibody: 46620B (NAT8L Antibody) at dilution  
1/250Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution,  
Exposure time: 45 seconds

## Background

This gene encodes a single-pass membrane protein, which contains a conserved sequence of the GCN5 or NAT superfamily of N-acetyltransferases and is a member of the N-acetyltransferase (NAT) superfamily. This protein is a neuron-specific protein and is the N-acetylaspartate (NAA) biosynthetic

enzyme, catalyzing the NAA synthesis from L-aspartate and acetyl-CoA. NAA is a major storage and transport form of acetyl coenzyme A specific to the nervous system. The gene mutation results in primary NAA deficiency (hypoacetylaspartia).

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Note: This product is for in vitro research use only