

Datasheet for ABIN5531667  
**anti-OMP antibody (N-Term)**



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1 Image

## Overview

|                      |                                    |
|----------------------|------------------------------------|
| Quantity:            | 400 µL                             |
| Target:              | OMP                                |
| Binding Specificity: | AA 13-41, N-Term                   |
| Reactivity:          | Human                              |
| Host:                | Rabbit                             |
| Clonality:           | Polyclonal                         |
| Conjugate:           | This OMP antibody is un-conjugated |
| Application:         | Western Blotting (WB)              |

## Product Details

|               |                                                                                                                                                                  |
|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Immunogen:    | This OMP antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 13-41 amino acids from the N-terminal region of human OMP. |
| Isotype:      | Ig Fraction                                                                                                                                                      |
| Purification: | This antibody is purified through a protein A column, followed by peptide affinity purification.                                                                 |

## Target Details

|                   |                                                                                                                                                                                                                                                                                   |
|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target:           | OMP                                                                                                                                                                                                                                                                               |
| Alternative Name: | OMP ( <a href="#">OMP Products</a> )                                                                                                                                                                                                                                              |
| Background:       | Olfactory marker protein is uniquely associated with the mature olfactory receptor neurons in many vertebrate species from fish to man. The OMP gene structure and protein sequence are highly conserved between mouse, rat and human. Results of the mouse knockout studies show |

## Target Details

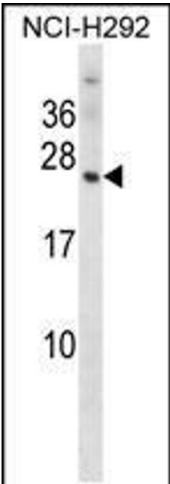
|                   |                                                                                                                                                                                         |
|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                   | that OMP-null mice are compromised in their ability to respond to odor stimuli, and that OMP represents a novel modulatory component of the odor detection/signal transduction cascade. |
| Molecular Weight: | 19 kDa                                                                                                                                                                                  |
| Gene ID:          | 4975                                                                                                                                                                                    |
| UniProt:          | <a href="#">P47874</a>                                                                                                                                                                  |

## Application Details

|                    |                                     |
|--------------------|-------------------------------------|
| Application Notes: | For WB starting dilution is: 1:1000 |
| Restrictions:      | For Research Use only               |

## Handling

|                    |                                                                                                                                                                                                                        |
|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                                                                                                                                 |
| Concentration:     | 0.5 mg/mL                                                                                                                                                                                                              |
| Buffer:            | Supplied in PBS with 0.09 % (W/V) 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:   | Store at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures. |



Western Blotting

**Image 1.** Western blot analysis in NCI-H292 cell line lysates (35ug/lane).