

Datasheet for ABIN6748747  
**anti-SMPD4 antibody (AA 301-350)**



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## Overview

|                      |                                      |
|----------------------|--------------------------------------|
| Quantity:            | 100 µL                               |
| Target:              | SMPD4                                |
| Binding Specificity: | AA 301-350                           |
| Reactivity:          | Human, Mouse, Dog, Rat, Bat          |
| Host:                | Rabbit                               |
| Clonality:           | Polyclonal                           |
| Conjugate:           | This SMPD4 antibody is un-conjugated |
| Application:         | Western Blotting (WB)                |

## Product Details

|                       |   |
|-----------------------|---|
| Immunogen:            | Synthetic peptide located between aa301-350 of rat Smpd4 (F1MAK9, NP_001161278). Percent identity by BLAST analysis: Human, Orangutan, Monkey, Mouse, Rat, Dog, Bat (100%), Gorilla, Galago, Marmoset, Elephant, Panda, Rabbit, Opossum, Guinea pig, Turkey, Zebra finch, Chicken (92%), Bovine, Horse (85%).<br><br>Type of Immunogen: Synthetic peptide |
| Specificity:          | Rat SMPD4   |
| Predicted Reactivity: | Percent identity by BLAST analysis:   |
| Purification:         | Immunoaffinity purified   |

## Target Details

|                   |  |
|-------------------|--|
| Target:           | SMPD4  |
| Alternative Name: | SMPD4 ( <a href="#">SMPD4 Products</a> )   |
| Background:       | Name/Gene ID: SMPD4<br><br>Synonyms: SMPD4, Neutral sphingomyelinase 3, NET13, NSMASE-3, Neutral sphingomyelinase III, NSMASE3, KIAA1418, SKNY protein |
| Gene ID:          | 55627  |
| NCBI Accession:   | <a href="#">NP_001161278</a>   |

## Application Details

|                    |  |
|--------------------|--|
| Application Notes: | Optimal working dilution should be determined by the investigator. |
| Comment:           | Target Species of Antibody: Rat                                    |
| Restrictions:      | For Research Use only  |

## Handling

|                  |   |
|------------------|---|
| Format:          | Lyophilized   |
| Reconstitution:  | Distilled water   |
| Concentration:   | Lot specific  |
| Buffer:          | Lyophilized from PBS with 2 % sucrose   |
| Handling Advice: | Avoid repeat freeze-thaw cycles.  |
| Storage:         | 4 °C, -20 °C  |
| Storage Comment: | Long term: -20°C, the use of 50% glycerol is recommended if storing aliquots in -20°C for long term use (up to 1 year)<br>Short term (less than 1 week): 4°C. Avoid freeze-thaw cycles. |