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|----------------------------------------------------------------------------------|------------------------------------------|----------------------------------------------------------------------------|
|  | <p style="text-align: center;">SMPD3</p> | <p style="writing-mode: vertical-rl; text-orientation: mixed;">E308198</p> |
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| <b>Altername:</b>             | ; NSMASE2;                                                                                                                                                                                                                                                      |
| <b>Immunogen:</b>             | Recombinant fragment corresponding to 367-555aa of human SMPD3.                                                                                                                                                                                                 |
| <b>Purification:</b>          | Purified by antigen affinity column.                                                                                                                                                                                                                            |
| <b>Reactivity:</b>            | Human. Predicted: Rat, Mus.                                                                                                                                                                                                                                     |
| <b>References:</b>            | Cinq-Frais C, Coatrieux C, Grazide MH, et al. A signaling cascade mediated by ceramide, src and PDGFRbeta coordinates the activation of the redox-sensitive neutral sphingomyelinase-2 and sphingosine kinase-1. Biochim Biophys Acta. 1831 (8):1344-1356(2013) |
| <b>Background:</b>            | Sphingomyelin phosphodiesterase 3                                                                                                                                                                                                                               |
| <b>Gene ID:</b>               | BC112238                                                                                                                                                                                                                                                        |
| <b>Cellular localization:</b> | Cell membrane, Golgi apparatus, Membrane                                                                                                                                                                                                                        |
| <b>Source:</b>                | Rabbit                                                                                                                                                                                                                                                          |
| <b>Antibody type:</b>         | Polyclonal                                                                                                                                                                                                                                                      |
| <b>Isotype:</b>               | IgG                                                                                                                                                                                                                                                             |
| <b>Molecular Weight:</b>      | 71kd                                                                                                                                                                                                                                                            |
| <b>Preservative:</b>          | Already dissolved in sterile H <sup>2</sup> O with 1% BSA and 0.02% NaN <sup>3</sup>                                                                                                                                                                            |

**For Research Use Only**

|                               |                                                      |
|-------------------------------|------------------------------------------------------|
|                               | and 50% glycerol.                                    |
| <b>Recommended Dilutions:</b> | ELISA(1:20,000~80,000) Western blotting(1:200~1,000) |