

**bs-12642R**

**[ Primary Antibody ]**

## SMPDL3B Rabbit pAb



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### — DATASHEET —

|  |                      |  |
|--|----------------------|--|
| <b>Host:</b> Rabbit  | <b>Isotype:</b> IgG  | <b>Applications:</b> <b>IHC-P</b> (1:100-500)<br><b>IHC-F</b> (1:100-500)<br><b>IF</b> (1:100-500)<br><b>ICC/IF</b> (1:100-500)<br><b>ELISA</b> (1:5000-10000)<br><br><b>Reactivity:</b> (predicted: Human, Mouse, Rat)<br><br><b>Predicted MW.:</b> 49 kDa<br><br><b>Subcellular Location:</b> Secreted |
| <b>Clonality:</b> Polyclonal   |                      |  |
| <b>GeneID:</b> 27293   | <b>SWISS:</b> Q92485 |  |
| <b>Target:</b> SMPDL3B   |                      |  |
| <b>Immunogen:</b> KLH conjugated synthetic peptide derived from human SMPDL3B: 181-280/455.  |                      |  |
| <b>Purification:</b> affinity purified by Protein A  |                      |  |
| <b>Concentration:</b> 1mg/ml   |                      |  |
| <b>Storage:</b> 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.<br>Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles. |                      |  |
| <b>Background:</b> Located on chromosome 1, this gene encodes for acid sphingomyelinase like phosphodiesterase 3b precursor protein.                                 |                      |  |

### — SELECTED CITATIONS —

- **[IF=4.8]** Yun Zhou. et al. SMPDL3B is palmitoylated and stabilized by ZDHHC5, and its silencing aggravates diabetic retinopathy of db/db mice: Activation of NLRP3/NF-κB pathway. CELL SIGNAL. 2024 Jan;;111064 IHC,IF ;Human,Mouse. 38266744