

## Anti-GBA antibody (437-536) [S5MR] (STJ11101595)

STJ11101595

### GENERAL INFORMATION

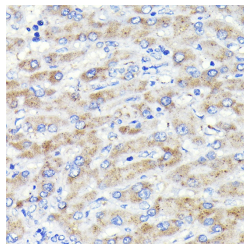
|                          |                    |
|--------------------------|--------------------|
| <b>Product Type</b>      | Primary antibodies |
| <b>Short Description</b> | S5MR               |
| <b>Applications</b>      | WB/IHC-P/ELISA     |
| <b>Host/Source</b>       | Rabbit             |
| <b>Reactivity</b>        | Human/Rat          |

### PRODUCT PROPERTIES

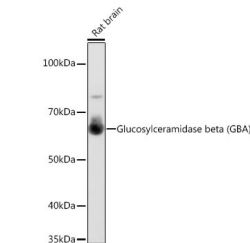
|                            |  |
|----------------------------|--|
| <b>Clonality</b>           | Monoclonal   |
| <b>Clone ID</b>            | S5MR   |
| <b>Concentration</b>       | Lot specific   |
| <b>Conjugation</b>         | Unconjugated   |
| <b>Purification</b>        | Affinity purification  |
| <b>Dilution Range</b>      | WB:1:1000-1:2000<br>IHC-P:1:100-1:500<br>ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements. |
| <b>Formulation</b>         | PBS with 0.02% Sodium Azide, 0.05% BSA, 50% Glycerol, pH 7.3.  |
| <b>Isotype</b>             | IgG  |
| <b>Storage Instruction</b> | Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.   |

### TARGET INFORMATION

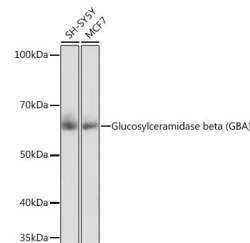
|                           |   |
|---------------------------|---|
| <b>Gene ID</b>            | 2629  |
| <b>Gene Symbol</b>        | GBA1  |
| <b>Uniprot ID</b>         | GBA1_HUMAN  |
| <b>Immunogen</b>          |   |
| <b>Immunogen Region</b>   | 437-536   |
| <b>Specificity</b>        | A synthetic peptide corresponding to a sequence within amino acids 437-536 of human Glucosylceramidase beta (GBA) (P04062). |
| <b>Immunogen Sequence</b> | VDSPIIVDITKDTFYKQPMF YHLGHFSKFIPEGSQRVGLV ASQKNDLDAVALMHPDGSVAV VVVLNRSSKDVPLTIKDPVAGFLETISPGYSIHTYLWRRQ                    |



Immunohistochemistry analysis of paraffin-embedded human liver using Glucosylceramidase beta (Glucosylceramidase beta (GBA) ) Rabbit monoclonal antibody (STJ11101595) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



Western blot analysis of extracts of Rat brain, using Glucosylceramidase beta (Glucosylceramidase beta (GBA) ) antibody (STJ11101595) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 3min.



Western blot analysis of extracts of various cell lines, using Glucosylceramidase beta (Glucosylceramidase beta (GBA) ) antibody (STJ11101595) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 10s.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.  
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