

## Immunotag™ PGLYRP1 Polyclonal Antibody

| Antibody Specification |                                                                                                                                                                    |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Catalog No.            | ITT5734                                                                                                                                                            |
| Product Description    | Immunotag™ PGLYRP1 Polyclonal Antibody                                                                                                                             |
| Size                   | 50 µg, 100 µg                                                                                                                                                      |
| Conjugation            | HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647                                      |
| IMPORTANT NOTE         | This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return. |
| Target Protein         | PGLYRP1                                                                                                                                                            |
| Clonality              | Polyclonal                                                                                                                                                         |
| Storage/Stability      | -20°C/1 year                                                                                                                                                       |
| Application            | WB,ELISA                                                                                                                                                           |
| Recommended Dilution   | Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.                                                                                |
| Concentration          | 1 mg/ml                                                                                                                                                            |
| Reactive Species       | Human                                                                                                                                                              |
| Host Species           | Rabbit                                                                                                                                                             |
| Immunogen              | The antiserum was produced against synthesized peptide derived from the Internal region of human PGLYRP1. AA range:131-180                                         |
| Specificity            | PGLYRP1 Polyclonal Antibody detects endogenous levels of PGLYRP1 protein.                                                                                          |
| Purification           | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen                                               |
| Form                   | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.                                                                                            |
| Gene Name              | PGLYRP1                                                                                                                                                            |
| Accession No.          | O75594 O88593                                                                                                                                                      |
| Alternate Names        | PGLYRP1; PGLYRP; PGRP; TNFSF3L; SBBI68; Peptidoglycan recognition protein 1; Peptidoglycan recognition protein short; PGRP-S                                       |

## Antibody Specification

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| Description              | PGLYRP1 (Peptidoglycan Recognition Protein 1) is a Protein Coding gene. Among its related pathways are TNF Signaling (sino). GO annotations related to this gene include peptidoglycan binding and N-acetylmuramoyl-L-alanine amidase activity. An important paralog of this gene is PGLYRP4.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Subcellular Localization | extracellular region,extracellular exosome,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Protein Function         | peptidoglycan metabolic process, polysaccharide catabolic process, polysaccharide metabolic process, aminoglycan metabolic process, aminoglycan catabolic process, glycosaminoglycan catabolic process, defense response, immune response, behavior, rhythmic behavior, circadian rhythm, macromolecule catabolic process, peptidoglycan catabolic process, detection of external stimulus, detection of biotic stimulus, response to bacterium, detection of bacterium,carbohydrate catabolic process, circadian sleep/wake cycle process, glycosaminoglycan metabolic process, defense response to bacterium, circadian sleep/wake cycle, regulation of circadian sleep/wake cycle, regulation of circadian rhythm, innate immune response, regulation of circadian sleep/wake cycle, sleep, rhythmic process, circadian behavior,regulation of behavior, defense response to Gram-positive bacterium, detection of stimulus, |
| Usage                    | For Research Use Only! Not for diagnostic or therapeutic procedures.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |