

ARG64548 anti-PGRPS antibody

Package: 100 µg
Store at: -20°C

Summary

| | |
|---------------------|--|
| Product Description | Goat Polyclonal antibody recognizes PGRPS |
| Tested Reactivity | Hu |
| Predict Reactivity | Dog |
| Tested Application | IHC-P, WB |
| Host | Goat |
| Clonality | Polyclonal |
| Isotype | IgG |
| Target Name | PGRPS |
| Species | Human |
| Immunogen | C-PGNQLYHLIQN |
| Conjugation | Un-conjugated |
| Alternate Names | TAG7; PGRP; PGRPS; PGLYRP; Peptidoglycan recognition protein short; TNFSF3L; PGRP-S; Peptidoglycan recognition protein 1 |

Application Instructions

| | | |
|-------------------|--|---------------|
| Application table | Application | Dilution |
| | IHC-P | 3 - 6 µg/ml |
| | WB | 0.3 - 1 µg/ml |
| Application Note | IHC-P: Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). WB: Recommend incubate at RT for 1h. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist. | |

Properties

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| Form | Liquid |
| Purification | Purified from goat serum by antigen affinity chromatography. |
| Buffer | Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA. |
| Preservative | 0.02% Sodium azide |
| Stabilizer | 0.5% BSA |
| Concentration | 0.5 mg/ml |
| Storage instruction | For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed |

before use.

Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

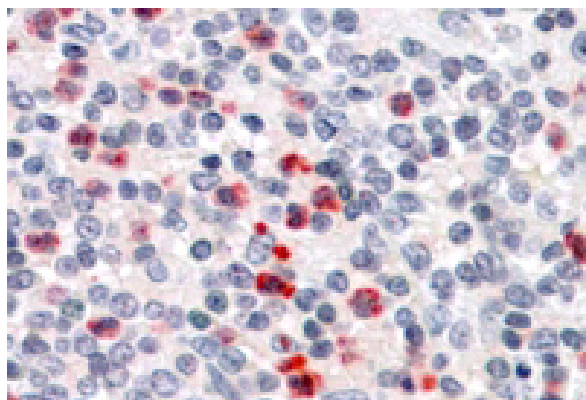
| | |
|----------------|--|
| Database links | GeneID: 8993 Human Swiss-port # O75594 Human |
| Gene Symbol | PGLYRP1 |
| Gene Full Name | peptidoglycan recognition protein 1 |
| Function | Pattern receptor that binds to murein peptidoglycans (PGN) of Gram-positive bacteria. Has bactericidal activity towards Gram-positive bacteria. May kill Gram-positive bacteria by interfering with peptidoglycan biosynthesis. Binds also to Gram-negative bacteria, and has bacteriostatic activity towards Gram-negative bacteria. Plays a role in innate immunity. [UniProt] |
| Research Area | Cell Biology and Cellular Response antibody; Cell Death antibody; Immune System antibody; Microbiology and Infectious Disease antibody; Neuroscience antibody |
| Calculated Mw | 22 kDa |
| PTM | N-glycosylated. N-glycosylation is required for bactericidal activity. |

Images



ARG64548 anti-PGRPS antibody WB image

Western blot: Jurkat lysate (35 µg protein in RIPA buffer) stained with ARG64548 anti-PGRPS antibody at 0.3 µg/ml dilution.



ARG64548 anti-PGRPS antibody IHC-P image

Immunohistochemistry: Paraffin embedded Human Spleen. (Steamed antigen retrieval with citrate buffer pH 6) stained with ARG64548 anti-PGRPS antibody at 3.8 µg/ml dilution followed by AP-staining.