

PGLYRP3 Antibody - N-terminal region

Rabbit Polyclonal Antibody

Catalog # AI15342

Product Information

Application	WB
Primary Accession	Q96LB9
Other Accession	NM_052891 , NP_443123
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Dog, Guinea Pig, Horse, Bovine
Predicted	Human, Mouse, Rat, Rabbit, Pig, Dog, Guinea Pig, Horse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	37611

Additional Information

Gene ID	114771
Alias Symbol Other Names	MGC149197, PGRP-Ialpha, PGRPIA Peptidoglycan recognition protein 3, Peptidoglycan recognition protein I-alpha, PGLYRP3Ialpha, PGRP-I-alpha, Peptidoglycan recognition protein intermediate alpha, PGLYRP3, PGRPIA
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-PGLYRP3 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	PGLYRP3 Antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	PGLYRP3
Synonyms	PGRPIA
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. Also binds to Gram-negative bacteria, and has bacteriostatic activity towards Gram-negative bacteria. Plays a role in innate immunity.
Cellular Location	Secreted.

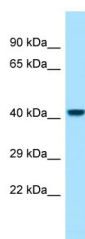
Tissue Location

Detected in skin epidermis, eccrine sweat glands and ducts, ciliary body epithelial cells of the eye, in small intestine, colon, stomach and in mature epithelial cells of the tongue (at protein level). Highly expressed in skin and esophagus, expressed also in tonsils and thymus and to a much lesser extent in the stomach, descending colon, rectum and brain.

References

Liu C.,et al.J. Biol. Chem. 276:34686-34694(2001).
Gregory S.G.,et al.Nature 441:315-321(2006).
Lu X.,et al.J. Biol. Chem. 281:5895-5907(2006).
Guan R.,et al.J. Biol. Chem. 279:31873-31882(2004).
Guan R.,et al.Proc. Natl. Acad. Sci. U.S.A. 101:17168-17173(2004).

Images



WB Suggested Anti-PGLYRP3 Antibody Titration: 1.0 µg/ml
Positive Control: Fetal Heart

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.