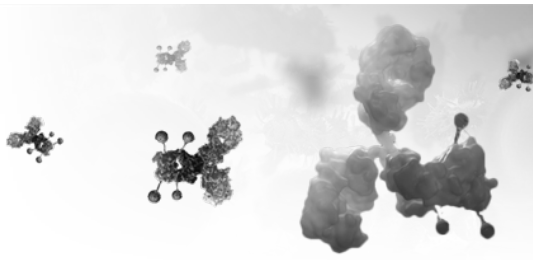

Anti-PGLYRP1 polyclonal antibody [Biotin] (DPABY-491)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	The human PGRP family comprises four peptidoglycan recognition proteins that may function as innate immunity pattern recognition molecules. Termed PGRP-L, PGRP-I alpha, PGRP-I beta and PGRP-S, they are all products of separate genes, and all are named for the relative length of their translated product. PGRP-L (for long) is 576 amino acids (aa) in length. PGRP-I alpha and I beta are intermediate in length at 341 aa and 373 aa, respectively, and PGRP-S is shortest at 196 aa in length.
Specificity	Detects human PGRP-S in ELISAs and Western blots. In sandwich ELISAs, less than 0.05% cross-reactivity with recombinant human PGRP-1 beta and recombinant mouse PGRP-S is observed.
Immunogen	Mouse myeloma cell line NS0-derived recombinant human PGRP-S. Gln22-Pro196 Accession Number O75594
Isotype	IgG
Source/Host	Goat
Species Reactivity	Human
Purification	Antigen Affinity-purified
Conjugate	Biotin
Applications	Western Blot, ELISA Detection (Matched Pair)
Format	Liquid
Size	50 µg
Buffer	Lyophilized from a 0.2 µm filtered solution in PBS with BSA as a carrier protein.

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Preservative	None
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70 °C as supplied. 1 month, 2 to 8 °C under sterile conditions after reconstitution. 6 months, -20 to -70 °C under sterile conditions after reconstitution.

GENE INFORMATION

Gene Name	PGLYRP1 peptidoglycan recognition protein 1 [Homo sapiens (human)]
Official Symbol	PGLYRP1
Synonyms	PGLYRP1; peptidoglycan recognition protein 1; PGRP; TAG7; PGRPS; PGLYRP; PGRP-S; TNFSF3L; TNF superfamily, member 3 (LTB)-like (peptidoglycan recognition protein);
Entrez Gene ID	8993
Protein Refseq	NP_005082
UniProt ID	O75594
Chromosome Location	19q13.2-q13.3
Function	N-acetylmuramoyl-L-alanine amidase activity; peptidoglycan binding; peptidoglycan receptor activity; zinc ion binding;

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