Datasheet for ABIN7001445

anti-PGLYRP1 antibody

1 Image

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Overview

Quantity:	20 µL
Target:	PGLYRP1
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PGLYRP1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Synthetic peptide of human PGLYRP1
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

Target Details

Target:	PGLYRP1
Alternative Name:	PGLYRP1 (PGLYRP1 Products)
Background:	Peptidoglycan recognition proteins (PGRPs) are molecules that recognize peptidoglycan, a large component in bacterial cell walls. In insects, PGRPs activate antimicrobial pathways, and in mammals PGRPs function as antibacterial neutrophil proteins. PGRP-L halts bacterial growth by acting as an alanine amidase, an enzyme that hydrolyzes the amide bond of bacterial

Target Details

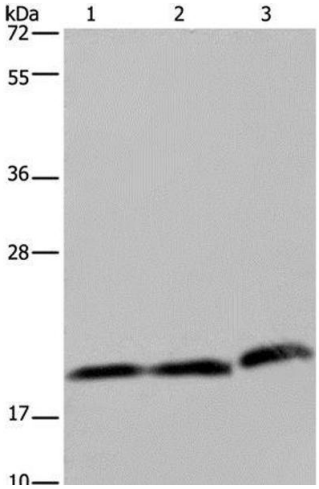
	peptidoglycan. PGRP-I and PGRP-I are also members of the PGRP family that help recognize bacteria by binding to peptidoglycan and Gram-positive bacteria, but they do not have amidase activity. PGRP-S participates in intracellular killing of Gram-positive bacteria by stimulating two antimicrobial defense systems, the prophenoloxidase cascade and the antimicrobial peptides through Toll receptors.
Molecular Weight:	22 kDa
NCBI Accession:	NP_005082
UniProt:	O75594
Pathways:	Activation of Innate immune Response

Application Details

Application Notes:	WB 1:200-1:1000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.4 mg/mL
Buffer:	PBS with 0.05 % sodium azide and 50 % glycerol, PH7.4
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western Blot analysis of Hela and K562 cell, Human fetal liver tissue using PGLYRP1 Polyclonal Antibody at dilution of 1:200