



PGLYRP1 Polyclonal Antibody

Catalog No	YP-Ab-10575
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;ELISA;IHC
Gene Name	PGLYRP1
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.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000;IHC-p 1:50-300; ELISA 2000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	SBBI68;PGRP-S;PGRPS;PGRP S;PGRP;PGLYRP1;Peptidoglycan recognition protein 1;PGLYRP;TNFSF3L;Peptidoglycan recognition protein short
Observed Band	21kD
Calculated Molecular Weight	21kD
Cell Pathway	Secreted . Cytoplasmic granule .
Tissue Specificity	Highly expressed in bone marrow. Weak expression found in kidney, liver, small intestine, spleen, thymus, peripheral leukocyte, lung, fetal spleen and neutrophils.
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,

Background

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.

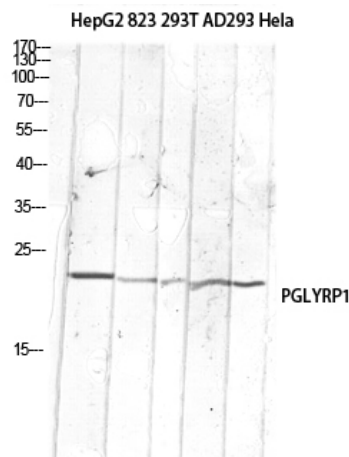
matters needing attention

Avoid repeated freezing and thawing!

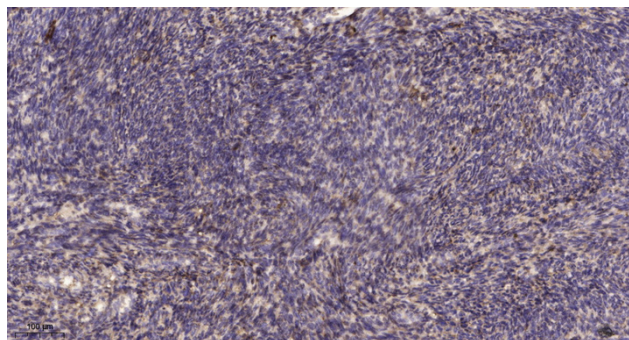
Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western blot analysis of HepG2 823-AV 293T AD293 HeLa lysis using PGLYRP1 antibody. Antibody was diluted at 1:1000. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



Immunohistochemical analysis of paraffin-embedded human uterus. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA, pH9.0 was used for antigen retrieval. 3, Secondary antibody was diluted at 1:200(room temperature, 45min).