
Product Name: PSG1 Rabbit Polyclonal Antibody**Catalog #: APRab16598**

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,IHC,ICC/IF,ELISA
Reactivity	Human,Rat,Mouse
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:10000-1:20000
Molecular Weight	46kDa

Antigen Information

Gene Name	PSG1
Alternative Names	PSG1; B1G1; PSBG1; PSGGA; Pregnancy-specific beta-1-glycoprotein 1; PS-beta-G-1; PSBG-1; Pregnancy-specific glycoprotein 1; CD66 antigen-like family member F;Fetal liver non-specific cross-reactive antigen 1/2; FL-NCA-1/2; PSG95; Pregnancy-specific beta-1 glycoprotein C/D; PS-beta-C/D; CD66f
Gene ID	5669.0
SwissProt ID	P11464
Immunogen	The antiserum was produced against synthesized peptide derived from the Internal region of human PSG1. AA range:221-270

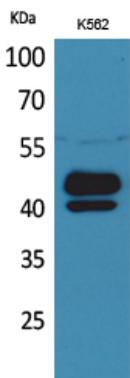
Background

The human placenta is a multihormonal endocrine organ that produces hormones, enzymes, and other molecules that support fetal survival and development. Pregnancy-specific beta-1-glycoprotein (PSBG, PSG) is a major product of the syncytiotrophoblast, reaching concentrations of 100 to 290 mg/l at term in the serum of pregnant women (Horne et al., 1976 [PubMed 971765]). PSG is a member of the immunoglobulin (Ig) superfamily (Watanabe and Chou, 1988 [PubMed 3257488]; Streydio et al., 1988 [PubMed 3260773]).[supplied by OMIM, Oct 2009],developmental stage:PSBG are produced in high quantity during pregnancy.,similarity:Belongs to the immunoglobulin superfamily. CEA family.,similarity:Contains 1 Ig-like V-type (immunoglobulin-like) domain.,similarity:Contains 3 Ig-like C2-type (immunoglobulin-like) domains.,

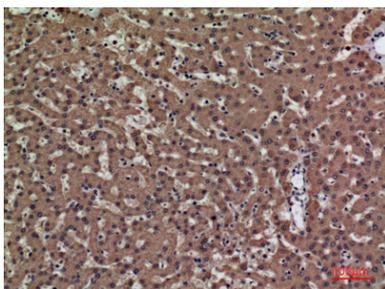
Research Area

Tags & Cell Markers; Cell Type Markers; Other Cell Types

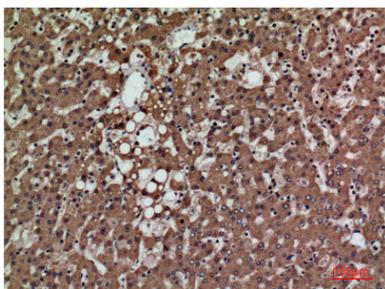
Image Data



Western Blot analysis of K562 cells using PSG1 Polyclonal Antibody.. Secondary antibody was diluted at 1:20000



Immunohistochemical analysis of paraffin-embedded human-liver, antibody was diluted at 1:100



Immunohistochemical analysis of paraffin-embedded human-liver, antibody was diluted at 1:100