



PSG1 Polyclonal Antibody

Catalog No	BYab-13991
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;IHC;IF;ELISA
Gene Name	PSG1
Protein Name	Pregnancy-specific beta-1-glycoprotein 1
Immunogen	The antiserum was produced against synthesized peptide derived from the Internal region of human PSG1. AA range:221-270
Specificity	PSG1 Polyclonal Antibody detects endogenous levels of PSG1 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 - 1/2000. IHC-p: 1:100-300 ELISA: 1/20000.. IF 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	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
Observed Band	46kD
Cell Pathway	Secreted .
Tissue Specificity	Liver,Placenta,
Function	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.,
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

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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],

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

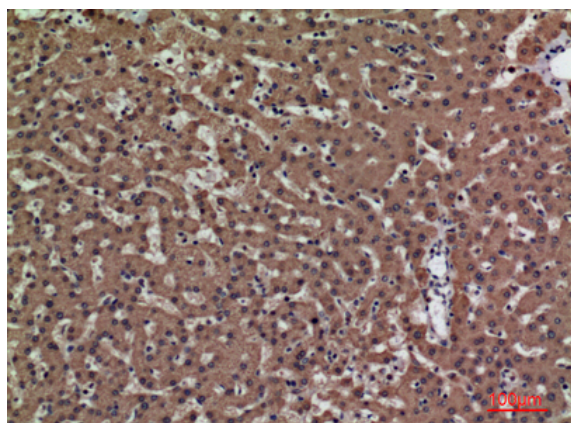
This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



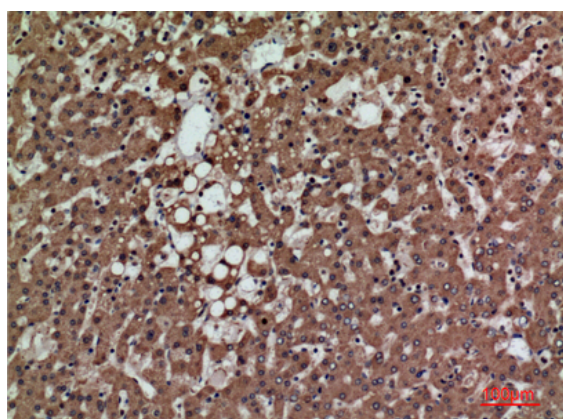
Products Images



Western Blot analysis of K562 cells using PSG1
 Polyclonal Antibody. Secondary
 antibody(catalog#:RS0002) 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

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