

PSG3 polyclonal antibody

Catalog: BS60638

Host: Rabbit

Reactivity: Human, Mouse, Rat

Background:

The pregnancy-specific glycoproteins (PSGs) are a group of closely related secreted glycoproteins that are highly expressed in fetal placental syncytiotrophoblast cells. Members of the PSG protein family share a characteristic N-terminal domain that is homologous to the immunoglobulin variable region. PSGs become detectable in serum during the first two to three weeks of pregnancy and increase as the pregnancy progresses, eventually representing the most abundant fetal protein in the maternal blood at term. PSGs function to stimulate secretion of TH2-type cytokines from monocytes, and they may also modulate the maternal immune system during pregnancy, thereby protecting the semi-allotypic fetus from rejection. Eleven human PSG proteins (PSG1-PSG11) have been described.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 48 kDa

Swiss-Prot:

Q16557

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

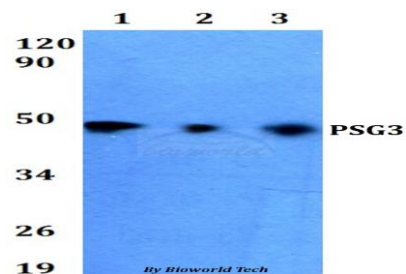
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

PSG3 polyclonal antibody detects endogenous levels of PSG3 protein.

DATA:



Western blot (WB) analysis of PSG3 polyclonal antibody at 1:500 dilution

Lane1:HEK293T whole cell lysate

Lane2:Raw264.7 whole cell lysate

Lane3:PC12 whole cell lysate

Note:

For research use only, not for use in diagnostic procedure.

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