

PSG3 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP9558c

Specification

PSG3 Antibody (N-term) Blocking Peptide - Product Information

Primary Accession [Q16557](#)

PSG3 Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 5671

Other Names

Pregnancy-specific beta-1-glycoprotein 3, PS-beta-G-3, PSBG-3, Pregnancy-specific glycoprotein 3, Carcinoembryonic antigen SG5, PSG3

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

PSG3 Antibody (N-term) Blocking Peptide - Protein Information

Name PSG3

Cellular Location

Secreted.

PSG3 Antibody (N-term) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

PSG3 Antibody (N-term) Blocking Peptide - Images

PSG3 Antibody (N-term) Blocking Peptide - Background

The human pregnancy-specific glycoproteins (PSGs) are a family of proteins that are synthesized in large amounts by placental trophoblasts and released into the maternal circulation during pregnancy. Molecular cloning and analysis of several PSG genes has indicated that the PSGs form a subgroup of the carcinoembryonic antigen (CEA) gene family, which belongs to the immunoglobulin

superfamily of genes. Members of the CEA family consist of a single N domain, with structural similarity to the immunoglobulin variable domains, followed by a variable number of immunoglobulin constant-like A and/or B domains. Most PSGs have an arg-gly-asp (RGD) motif, which has been shown to function as an adhesion recognition signal for several integrins, in the N-terminal domain (summary by Teglund et al., 1994 [PubMed 7851896]). For additional general information about the PSG gene family, see PSG1 (MIM 176390).

PSG3 Antibody (N-term) Blocking Peptide - References

Colland, F., et al. Genome Res. 14(7):1324-1332(2004)Grimwood, J., et al. Nature 428(6982):529-535(2004)Teglund, S., et al. Genomics 23(3):669-684(1994)Olsen, A., et al. Genomics 23(3):659-668(1994)Shupert, W.L., et al. Mol. Cell. Biochem. 120(2):159-170(1993)