

PSG3 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP07452
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	Synthesized peptide derived from the Internal region of human PSG3.
Mol wt	47945
Species reactivity	Human
Clonality	Polyclonal
Recommended application	IHC-p, ELISA
Concentration	1 mg/ml
Full name	PSG3 Antibody
Synonyms	PSG3; Pregnancy-specific beta-1-glycoprotein 3; PS-beta-G-3; PSBG-3; Pregnancy-specific glycoprotein 3; Carcinoembryonic antigen SG5

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

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).

Recommended Dilution

IHC: 1: 100 - 1: 300

ELISA: 1: 20000

Not yet tested in other applications.

Images

No images.

Storage

-20°C for one year