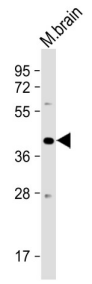
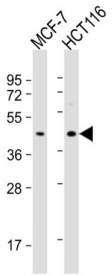
Pregnancy Specific Beta-1-Glycoprotein 3 (PSG3) Antibody

Catalogue No.:abx034422



Western blot analysis of Mouse brain tissue lysate (35 µg/lane) using PSG3 antibody.



Western blot analysis of extracts of MCF-7 (Lane 1) and HCT116 (Lane 2) whole cell lysates (20 µg/lane) using PSG3 antibody (1/1000 dilution). Predicted band size: 48 kDa.

The Human Pregnancy Specific Beta-1-Glycoprotein 3 (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).

Target:	Pregnancy Specific Beta-1-Glycoprotein 3 (PSG3)
Clonality:	Polyclonal
Reactivity:	Human, Mouse
Tested Applications:	ELISA, WB
Host:	Rabbit
Recommended dilutions:	WB: 1/1000. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	KLH-conjugated synthetic peptide between 22-50 amino acids from the N-terminal region of human PSG3.

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Isotype:	IgG
Form:	Liquid
Purification:	Purified through a protein A column, followed by peptide affinity purification.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	Q16557 (UniProt, ExPASy)
KEGG:	hsa:5671
String:	9606.ENSP00000332215
Molecular Weight:	Calculated MW: 47.9 kDa
Buffer:	PBS containing 0.09% sodium azide.
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

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