

Immunotag™ PAEP Antibody

Antibody Specification	
Catalog No.	ITA3641
Product Description	Immunotag™ PAEP Antibody
Size	100 µg, 200 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	PAEP
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC,ELISA
Recommended Dilution	WB 1:500-1:2000 IHC 1:50-1:200
Concentration	1 mg/ml
Reactive Species	Human,Rat
Host Species	Rabbit
Immunogen	A synthesized peptide
Specificity	PAEP antibody detects endogenous levels of total PAEP
Purification	The antiserum was purified by peptide affinity chromatography.
Form	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Gene Name	PAEP
Accession No.	P09466
Alternate Names	Alpha uterine protein; gD; GdA; GdF; GdS; Glycodelin A; Glycodelin; Glycodelin F; Glycodelin S; MGC138509; MGC142288; PAEG; PAEP; PAEP_HUMAN; PEG; PEP; Placental protein 14; PP14; Pregnancy-associated endometrial alpha-2 globulin; Progestagen-associated endometrial protein; Progesterone-associated endometrial protein;

Antibody Specification

Description	Glycoprotein that regulates critical steps during fertilization and also has immunomodulatory effects. Four glycoforms, namely glycodelin-S, -A, -F and -C have been identified in reproductive tissues that differ in glycosylation and biological activity. Glycodelin-A has contraceptive and immunosuppressive activities (PubMed:9918684, PubMed:7531163). Glycodelin-C stimulates binding of spermatozoa to the zona pellucida (PubMed:17192260). Glycodelin-F inhibits spermatozoa-zona pellucida binding and significantly suppresses progesterone-induced acrosome reaction of spermatozoa (PubMed:12672671). Glycodelin-S in seminal plasma maintains the uncapacitated state of human spermatozoa (PubMed:15883155).
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	21 kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.