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Datasheet for ABIN702194  
**anti-PAEP antibody (AA 101-180) (Cy5)**

### Overview

Quantity:	100 µL
Target:	PAEP
Binding Specificity:	AA 101-180
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PAEP antibody is conjugated to Cy5
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Glycodelin A/PP14
Isotype:	IgG
Predicted Reactivity:	Human
Purification:	Purified by Protein A.

### Target Details

Target:	PAEP
Alternative Name:	Glycodelin A/PP14 ( <a href="#">PAEP Products</a> )
Background:	Synonyms: alpha uterine protein, GD, GdA, GdF, GdS, Glycodelin, Glycodelin F, Glycodelin S,

## Target Details

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PAEG, PAEP, PAEP protein, PEG, PEP, PP14, Pregnancy associated endometrial alpha 2 globulin, Progesteragen associated endometrial protein placental protein 14, Progesteragen associated endometrial protein, Progesterone associated endometrial protein, MGC138509, MGC142288.

Background: This gene is a member of the kernel lipocalin superfamily whose members share relatively low sequence similarity but have highly conserved exon/intron structure and three-dimensional protein folding. Most lipocalins are clustered on the long arm of chromosome 9. The encoded glycoprotein has been previously referred to as pregnancy-associated endometrial alpha-2-globulin, placental protein 14, and glycodelin, but has been officially named progesteragen-associated endometrial protein. Three distinct forms, with identical protein backbones but different glycosylation profiles, are found in amniotic fluid, follicular fluid and seminal plasma of the reproductive system. These glycoproteins have distinct and essential roles in regulating a uterine environment suitable for pregnancy and in the timing and occurrence of the appropriate sequence of events in the fertilization process. A number of alternatively spliced transcript variants have been observed at this locus, but the full-length nature of only two, each encoding the same protein, has been determined. [provided by RefSeq].

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Gene ID: 5047

## Application Details

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Application Notes: IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Concentration: 1 µg/µL

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Buffer: Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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Preservative: ProClin

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Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

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## Handling

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Storage: -20 °C

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Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

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Expiry Date: 12 months