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anti-PAEP antibody (AA 73-101)





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Overview			
Quantity:	400 μL		
Target:	PAEP		
Binding Specificity:	AA 73-101		
Reactivity:	Human		
Host:	Rabbit		
Clonality:	Polyclonal		
Conjugate:	This PAEP antibody is un-conjugated		
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))		
Product Details			
Immunogen:	This PAEP antibody is generated from rabbits immunized with a KLH conjugated synthetic		
	peptide between 73-101 amino acids from the Central region of human PAEP.		
Isotype:	lg Fraction		
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.		
Target Details			
Target:	PAEP		
Alternative Name:	PAEP (PAEP Products)		
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-2globulin, placental protein 14, and glycodelin, but has been officially named progestagenassociated 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].

Molecular Weight:	21 kDa
Gene ID:	5047
UniProt:	P09466

For WB starting dilution is: 1:1000

For IHC-P starting dilution is: 1:10~50

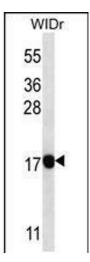
prolonged high temperatures.

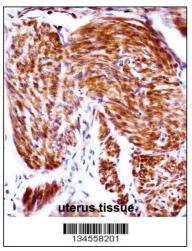
Application Details

Application Notes:

Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Concentration:	0.5 mg/mL	
Buffer:	Supplied in PBS with 0.09 % (W/V) sodium azide.	
Preservative:	Sodium azide	
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	
Storage:	4 °C,-20 °C	
Storage Comment:	Store at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care	

should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to





Western Blotting

Image 1. Western blot analysis in WiDr cell line lysates (35ug/lane).

Immunohistochemistry

Image 2. PAEP Antibody immunohistochemistry analysis in formalin fixed and paraffin embedded human uterus tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.