

Datasheet for ABIN6145168
anti-PAEP antibody (AA 19-180)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	PAEP
Binding Specificity:	AA 19-180
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PAEP antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 19-180 of human PAEP (NP_002562.2).
Sequence:	MDIPQTKQDL ELPKLAGTWH SMAMATNNIS LMATLKAPLR VHITSLLP TP EDNLEIVLHR WENNSCVEKK VLGEKTENPK KFKINYTVAN EATLLD TDYD NFLFLCLQDT TPIQSM MCQ YLARVLVEDD EIMQGFIRAF RPLPRHLWYL LDLKQMEEP C RF
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Polyclonal Antibodies

Target Details

Target:	PAEP
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Target Details

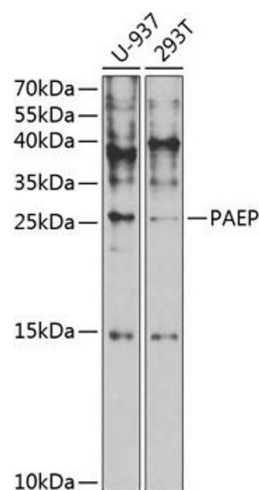
Alternative Name:	PAEP (PAEP Products)
Background:	<p>This gene is a member of the kernel lipocalin superfamily whose members share relatively low sequence similarity but have highly conserved exon/intron structure and three-dimensional protein folding. Most lipocalins are clustered on the long arm of 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 progesterone-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. Alternative splicing results in multiple transcript variants.,PAEP,GD,GdA,GdF,GdS,PAEG,PEP,PP14,PAEP</p>
Molecular Weight:	9 kDa/18 kDa/20 kDa
Gene ID:	5047
UniProt:	P09466

Application Details

Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
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:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using PAEP antibody (ABIN6130606, ABIN6145168, ABIN6145170 and ABIN6221423) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Enhanced Kit (RM00021). Exposure time: 30s.