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Datasheet for ABIN6258298 anti-PAEP antibody

2 Images



Overview

Quantity:	100 μL
Target:	PAEP
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PAEP antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	A synthesized peptide
lsotype:	IgG
Specificity:	PAEP antibody detects endogenous levels of total PAEP
Cross-Reactivity:	Human, Rat (Rattus)
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink TM Coupling Resin (Thermo Fisher Scientific).

Target Details

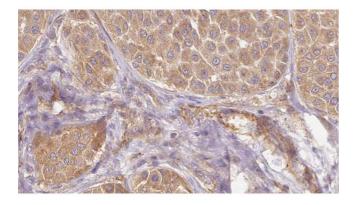
Target:	PAEP
Alternative Name:	PAEP (PAEP Products)
Background:	Description: Glycoprotein that regulates critical steps during fertilization and also has

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Target Details

	immunomonomodulatory 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).
	Gene: PAEP
Molecular Weight:	21 kDa
Gene ID:	5047
UniProt:	P09466
Application Details	
Application Notes:	WB 1:500-1:2000 IHC 1:50-1:200
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline, pH 7.4, 150 $$ mM NaCl, 0.02 % sodium azide and 50 %
	glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which
	should be handled by trained staff only.

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kDa

250-

150-

75-

50-37-

25-20-

15-

Immunohistochemistry

Image 1. ABIN6273831 at 1/100 staining Human Melanoma tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

Western Blotting

Image 2. Western blot analysis of PAEP expression in A431 whole cell lysate ,The lane on the left is treated with the antigen-specific peptide.

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