Datasheet for ABIN500431

anti-OVGP1 antibody (N-Term)

2 Images

Go to Product page

Overview

Quantity:	0.1 mg
Target:	OVGP1
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OVGP1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	OVGP1 antibody was raised against a 18 amino acid peptide from near the amino terminus of human OVGP1.
Isotype:	IgG
Specificity:	This antibody detects Mucin-9.
Cross-Reactivity (Details):	Species reactivity (tested):Human, mouse, rat
Purification:	Peptide affinity chromatography

Target Details

Target:	OVGP1
Alternative Name:	Mucin-9 (OVGP1 Products)

Target Details

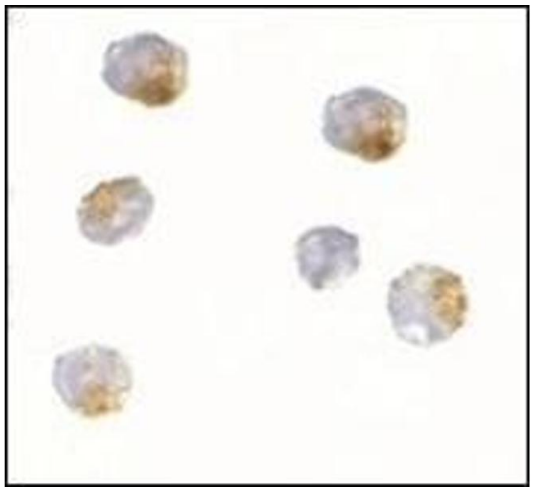
Background:	Oviductins belong to a family of glycoproteins that have been suggested to play several roles during the early processes of reproduction. OVGP1 is a large carbohydrate-rich, epithelial glycoprotein with numerous O-glycosylation sites within threonine, serine, and proline-rich tandem repeats. The protein is secreted from non-ciliated oviductal epithelial cells and associates with ovulated oocytes, blastomeres, and spermatozoan acrosomal regions. Despite its predicted molecular weight, OVGP1 will often run at higher molecular weight in SDS-PAGE. At least two isoforms of OVGP are known to exist.Synonyms: Estrogen-dependent oviduct protein, MUC9, OGP, OVGP1, Oviductal glycoprotein, Oviductin
Gene ID:	5016
NCBI Accession:	NP_002548
UniProt:	Q12889

Application Details

Application Notes:	ELISA. Western blot: 1 µg/mL. Immunocytochemistry. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

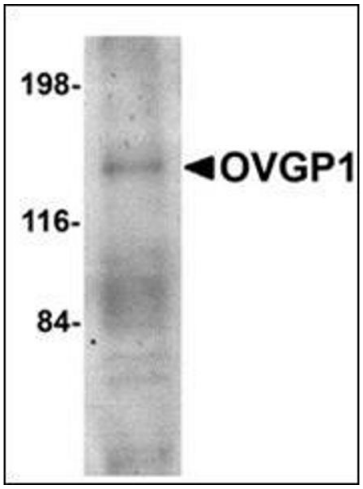
Handling

Buffer:	PBS containing 0.02 % 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.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 2 - 8 °C for up to one month or (in aliquots) at -20 °C for longer.



Immunofluorescence

Image 1. Immunocytochemistry of OVGP1 in 293 cells with this product at 2.5 µg/ml.



Western Blotting

Image 2. Western blot analysis of OVGP1 in human placenta tissue lysate with this product at 1 µg/ml.

