

Datasheet for ABIN7599798  
**anti-OVGP1 antibody (AA 118-667)**



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## Overview

Quantity:	100 µg
Target:	OVGP1
Binding Specificity:	AA 118-667
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OVGP1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS)

## Product Details

Purpose:	Anti-OVGP1 Antibody Picoband®
Immunogen:	E.coli-derived human OVGP1 recombinant protein (Position: E118-E667).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-OVGP1 Antibody Picoband® (ABIN7599798). Tested in ELISA, WB, Flow Cytometry applications. This antibody reacts with Human, Mouse, Rat. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Purification:	Immunogen affinity purified.

## Target Details

Target:	OVGP1
Alternative Name:	OVGP1 ( <a href="#">OVGP1 Products</a> )
Background:	<p>Synonyms: Fascin-2, Retinal fascin, FSCN2</p> <p>Tissue Specificity: Localized specifically in the outer and inner segments of the photoreceptor cells in the retina.</p> <p>Background: Oviduct-specific glycoprotein also known as oviductal glycoprotein (OGP) or estrogen-dependent oviduct protein, oviductin or mucin-9 is a protein that in humans is encoded by the OVGP1 gene. This gene encodes a large, carbohydrate-rich, epithelial glycoprotein with numerous O-glycosylation sites located within threonine, serine, and proline-rich tandem repeats. The gene is similar to members of the mucin and the glycosyl hydrolase 18 gene families. Regulation of expression may be estrogen-dependent. Gene expression and protein secretion occur during late follicular development through early cleavage-stage embryonic development. The protein is secreted from non-ciliated oviductal epithelial cells and associates with ovulated oocytes, blastomeres, and spermatozoan acrosomal regions.</p>
Molecular Weight:	75 kDa
Gene ID:	5016
UniProt:	<a href="#">Q12889</a>

## Application Details

Application Notes:	<p>Western blot, 0.1-0.25 µg/mL, Human, Mouse, Rat</p> <p>Flow Cytometry (Fixed), 1-3 µg/1x10<sup>6</sup> cells, Human</p> <p>ELISA, 0.1-0.5 µg/mL, -</p> <p>1. Arias, E. B., Verhage, H. G., Jaffe, R. C. Complementary deoxyribonucleic acid cloning and molecular characterization of an estrogen-dependent human oviductal glycoprotein. Biol. Reprod. 51: 685-694, 1994. 2. Gross, M. B. Personal Communication. Baltimore, Md. 5/14/2014.</p>
Restrictions:	For Research Use only

## Handling

Format:	Lyophilized
Reconstitution:	Adding 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL
Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na <sub>2</sub> HPO <sub>4</sub> .

## Handling

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Storage: 4 °C, -20 °C

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Storage Comment: At -20°C for one year from date of receipt. After reconstitution, at 4°C for one month.  
It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and thawing.