

Datasheet for ABIN7440887  
**anti-ZP2 antibody (AA 353-616)**

## 3 Images

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## Overview

Quantity:	100 µL
Target:	ZP2
Binding Specificity:	AA 353-616
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ZP2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

## Product Details

Purpose:	Polyclonal Antibody to Zona Pellucida Glycoprotein 2, Sperm Receptor (ZP2)
Immunogen:	Recombinant Zona Pellucida Glycoprotein 2, Sperm Receptor (ZP2) corresponding to Leu353~Pro616 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against ZP2. It has been selected for its ability to recognize ZP2 in immunohistochemical staining and western blotting.
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

## Target Details

Target:	ZP2
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## Target Details

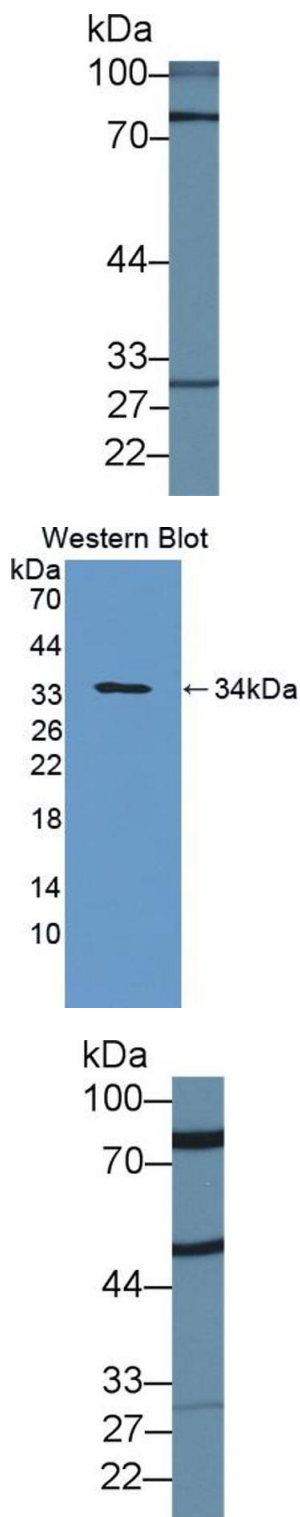
Alternative Name:	Zona Pellucida Glycoprotein 2, Sperm Receptor ( <a href="#">ZP2 Products</a> )
Background:	ZPA, Zona Pellucida Sperm-Binding Protein 2 , Zona pellucida protein A

## Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL 1:500-2000 Immunohistochemistry: 5-20 µg/mL 1:50-200 Immunocytochemistry: 5-20 µg/mL 1:50-200 Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: 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 frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



#### Western Blotting

**Image 1.** Detection of ZP2 in Rat Ovary lysate using Polyclonal Antibody to Zona Pellucida Glycoprotein 2, Sperm Receptor (ZP2)

#### Western Blotting

**Image 2.** Detection of Recombinant ZP2, Rat using Polyclonal Antibody to Zona Pellucida Glycoprotein 2, Sperm Receptor (ZP2)

#### Western Blotting

**Image 3.** Detection of ZP2 in Rat Placenta lysate using Polyclonal Antibody to Zona Pellucida Glycoprotein 2, Sperm Receptor (ZP2)