

ZP1 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP09758
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human ZP1. AA range:221-270
Mol wt	70049
Species reactivity	Human
Clonality	Polyclonal
Recommended application	WB, IHC-p, ELISA
Concentration	1 mg/ml
Full name	ZP1 Antibody
Synonyms	ZP1; Zona pellucida sperm-binding protein 1; Zona pellucida glycoprotein 1; Zp-1

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

The zona pellucida is an extracellular matrix that surrounds the oocyte and early embryo. It is composed primarily of three or four glycoproteins with various functions during fertilization and preimplantation development. The zona pellucida glycoprotein 1 encoded by ZP1 ensures the structural integrity of the zona pellucida. Mutations in this gene are a cause of oocyte maturation defect and infertility.

Recommended Dilution

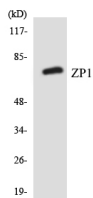
WB: 1: 500 - 1: 2000

IHC: 1: 100 - 1: 300

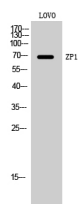
ELISA: 1: 10000

Not yet tested in other applications.

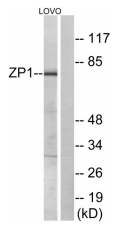
Images



Western blot analysis of the lysates from HeLa cells using ZP1 antibody.



Western Blot analysis of LOVO cells using ZP1 Polyclonal Antibody. Secondary antibody was diluted at 1:20000



Storage

-20°C for one year

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