

ZP2 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP09759
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	Synthesized peptide derived from the Internal region of human ZP2.
Mol wt	82357
Species reactivity	Human
Clonality	Polyclonal
Recommended application	IHC-p, ELISA
Concentration	1 mg/ml
Full name	ZP2 Antibody
Synonyms	ZP2; ZPA; Zona pellucida sperm-binding protein 2; Zona pellucida glycoprotein 2; Zp-2; Zona pellucida protein A

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 of three glycoproteins with various functions during fertilization and preimplantation development. The glycosylated mature peptide is one of the structural components of the zona pellucida and functions in secondary binding and penetration of acrosome-reacted spermatozoa. Female mice lacking ZP2 (zona pellucida glycoprotein 2) do not form a stable zona matrix and are sterile. Alternative splicing results in multiple transcript variants.

Recommended Dilution

IHC: 1: 100 - 1: 300

ELISA: 1: 40000

Not yet tested in other applications.

Images

No images.

Storage

-20°C for one year