

Anti-ZP2 Antibody
Catalog # ABV11927**Specification**

Anti-ZP2 Antibody - Product Information

Application	IHC, WB
Primary Accession	Q05996
Reactivity	Human, Mouse, Rat
Host	Rabbit
Isotype	Rabbit IgG
Calculated MW	82357

Anti-ZP2 Antibody - Additional Information**Gene ID** 7783

Positive Control	WB: MCF7, HeLa, RAW264.7, H9C2; IHC: human brain tissue
Application & Usage	WB; 1:500 - 1:2000, IHC; 1:50 - 1:200

Other Names

ZPA, Zona pellucida sperm-binding protein 2, Zona pellucida glycoprotein 2, Zp-2, Zona pellucida protein A

Target/Specificity

ZP2

Antibody Form

Liquid

Appearance

Colorless liquid

Handling

The antibody solution should be gently mixed before use

Reconstitution & Storage

-20°C

Background Descriptions**Precautions**

Anti-ZP2 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-ZP2 Antibody - Protein Information

Name ZP2

Synonyms ZPA**Function**

Component of the zona pellucida, an extracellular matrix surrounding oocytes which mediates sperm binding, induction of the acrosome reaction and prevents post-fertilization polyspermy (PubMed:29895852). The zona pellucida is composed of 3 to 4 glycoproteins, ZP1, ZP2, ZP3, and ZP4. ZP2 may act as a secondary sperm receptor (PubMed:29895852).

Cellular Location

[Processed zona pellucida sperm-binding protein 2]: Zona pellucida

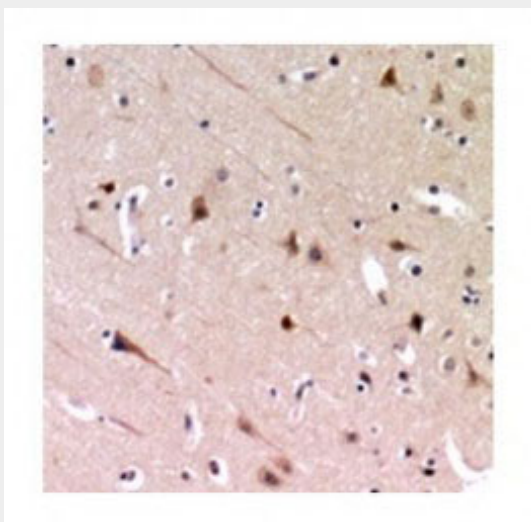
Tissue Location

Expressed in oocytes(at protein level).

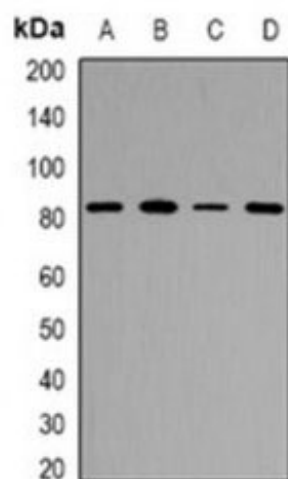
Anti-ZP2 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-ZP2 Antibody - Images

Immunohistochemical analysis of ZP2 staining in human brain formalin fixed paraffin embedded tissue section.



WB analysis of ZP2 expression in MCF7 (A), HeLa (B), RAW264.7 (C), H9C2 (D) whole cell lysates.