

For Research Use Only

ZBPB Polyclonal antibody

Catalog Number: 15835-1-AP



Basic Information

Catalog Number:

15835-1-AP

Size:

150ul, Concentration: 260 ug/ml by Nanodrop and 173 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG8585

GenBank Accession Number:

BC005223

GeneID (NCBI):

11055

UNIPROT ID:

Q9BS86

Full Name:

zona pellucida binding protein

Calculated MW:

351 aa, 40 kDa

Observed MW:

34 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

Applications

Tested Applications:

IP, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

IP: mouse testis tissue,

Background Information

ZBPB (also known as ZBPB1), named for its binding to the oocyte zona pellucida, is a spermatid and spermatozoon protein that localizes to the acrosome. ZBPB may be implicated in gamete interaction during fertilization. It has been reported that absence of ZBPB1 prevents acrosome compaction and leads to acrosome fragmentation and sterility in male mice. (PMID: 17664285; 19204925)

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

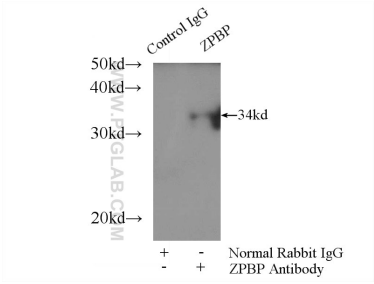
For technical support and original validation data for this product please contact:

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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



IP result of anti-ZPBP (IP:15835-1-AP, 3ug;
Detection:15835-1-AP 1:300) with mouse testis
tissue lysate 2800ug.