

ZBPB1 Rabbit Polyclonal Antibody

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Catalog # AP93439

Product Information

Application	WB
Primary Accession	Q9BS86
Reactivity	Human, Mouse
Host	Polyclonal, Rabbit, IgG
Clonality	Polyclonal
Calculated MW	40142

Additional Information

Gene ID	11055
Other Names	Zona pellucida-binding protein 1, Inner acrosomal membrane IAM38, Sp38, ZBPB, ZBPB1
Dilution	WB~~1:1000
Storage Conditions	-20°C

Protein Information

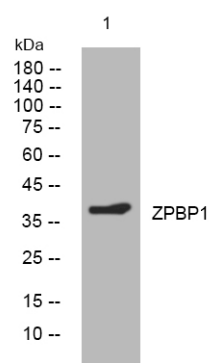
Name	ZBPB
Synonyms	ZBPB1
Function	Plays a role in acrosome compaction and sperm morphogenesis (PubMed: 21911476). Is implicated in sperm-oocyte interaction during fertilization (By similarity).
Cellular Location	Cytoplasmic vesicle, secretory vesicle, acrosome. Cytoplasmic vesicle, secretory vesicle, acrosome membrane {ECO:0000250 UniProtKB:Q62522}; Peripheral membrane protein {ECO:0000250 UniProtKB:Q62522}. Secreted. Note=First localized in acrosome granule, later migrates to the inner and outer acrosomal membrane. Released after the acrosomal reaction {ECO:0000250 UniProtKB:Q62522}
Tissue Location	Expressed specifically in testis.

Background

ZBPB is one of several proteins that are thought to participate in secondary binding between

acrosome-reacted sperm and the egg-specific extracellular matrix, the zona pellucida (McLeskey et al., 1998 [PubMed 9378618]).[supplied by OMIM, Aug 2008],

Images



Western blot analysis of lysates from KB cells, primary antibody was diluted at 1:1000, 4°over night

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.