

ZPBP1 Rabbit Polyclonal Antibody

ZPBP1 Rabbit Polyclonal Antibody Catalog # AP93439

Product Information

ApplicationWBPrimary AccessionQ9BS86

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,

ZPBP, ZPBP1

Dilution WB~~1:1000

Storage Conditions -20°C

Protein Information

Name ZPBP

Synonyms ZPBP1

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}

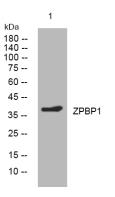
Tissue Location Expressed specifically in testis.

Background

ZPBP 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

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