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TRIM36 Antibody (Center) Blocking peptide

Synthetic peptide
Catalog # BP13807c

Specification

TRIM36 Antibody (Center) Blocking peptide - Product Information

Primary Accession Q9NQ86

TRIM36 Antibody (Center) Blocking peptide - Additional Information

Gene ID 55521

Other Names
E3 ubiquitin-protein ligase TRIM36, 632-, RING finger protein 98, Tripartite motif-containing protein 36, Zinc-binding protein Rbcc728, TRIM36, RBCC728, RNF98

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP13807c was selected from the Center region of TRIM36. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

TRIM36 Antibody (Center) Blocking peptide - Protein Information

Name TRIM36

Synonyms RBCC728, RNF98

Function
E3 ubiquitin-protein ligase which mediates ubiquitination and subsequent proteasomal degradation of target proteins. Involved in chromosome segregation and cell cycle regulation (PubMed:28087737). May play a role in the acrosome reaction and fertilization.

Cellular Location
Cytoplasm. Cytoplasmic vesicle, secretory vesicle, acrosome {ECO:0000250|UniProtKB:Q80WG7}. Cytoplasm, cytoskeleton {ECO:0000250|UniProtKB:Q80WG7}. Note=Found in the acrosomal region of elongated spermatids and mature sperm. {ECO:0000250|UniProtKB:Q80WG7}

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Tissue Location
Highly expressed in testis, prostate and brain (PubMed:15145053). Weakly expressed in kidney, lung and heart (PubMed:15145053). Expressed in fetal tissues (PubMed:28087737)

TRIM36 Antibody (Center) Blocking peptide - Protocols

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

- Blocking Peptides

TRIM36 Antibody (Center) Blocking peptide - Images

TRIM36 Antibody (Center) Blocking peptide - Background

The protein encoded by this gene is a member of thetripartite motif (TRIM) family. The TRIM motif includes threezinc-binding domains, a RING, a B-box type 1 and a B-box type 2,and a coiled-coil region. Multiple alternatively spliced transcriptvariants that encode different protein isoforms have been describedfor this gene.

TRIM36 Antibody (Center) Blocking peptide - References

Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :Miyajima, N., et al. Biochem. Biophys. Res. Commun. 381(3):383-387(2009)Kitamura, K., et al. J. Androl. 26(4):511-518(2005)Balint, I., et al. Gene 332, 45-50 (2004) :Reymond, A., et al. EMBO J. 20(9):2140-2151(2001)