

POF1B Antibody (Center) Blocking peptide
Synthetic peptide
Catalog # BP13828c**Specification**

POF1B Antibody (Center) Blocking peptide - Product InformationPrimary Accession [Q8WVV4](#)**POF1B Antibody (Center) Blocking peptide - Additional Information****Gene ID** 79983**Other Names**

Protein POF1B, Premature ovarian failure protein 1B, POF1B

Target/Specificity

The synthetic peptide sequence used to generate the antibody AP13828c was selected from the Center region of POF1B. 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.

POF1B Antibody (Center) Blocking peptide - Protein Information**Name** POF1B**Function**

Plays a key role in the organization of epithelial monolayers by regulating the actin cytoskeleton. May be involved in ovary development.

Cellular Location

Cell junction, tight junction

POF1B Antibody (Center) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

POF1B Antibody (Center) Blocking peptide - Images**POF1B Antibody (Center) Blocking peptide - Background**

Premature ovarian failure (POF) is characterized by primary or secondary amenorrhea in women less than 40 years old. Two POF susceptibility regions called 'POF1' and 'POF2' have been identified by breakpoint mapping of X-autosome translocations. POF1 extends from Xq21-qter while POF2 extends from Xq13.3 to Xq21.1. This gene, POF1B, resides in the POF2 region. This gene is expressed at trace levels in mouse prenatal ovary and is barely detectable or absent from adult ovary, in human and in the mouse respectively. This gene's expression is restricted to epithelia with its highest expression in the epidermis, and oro-pharyngeal and gastro-intestinal tracts. The protein encoded by this gene binds non-muscle actin filaments. The role this gene may play in the etiology of premature ovarian failure remains to be determined.

POF1B Antibody (Center) Blocking peptide - References

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Bione, S., et al. Hum. Reprod. 19(12):2759-2766(2004)
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