

FCHO2 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP18034c**Specification**

FCHO2 Antibody (Center) Blocking Peptide - Product InformationPrimary Accession [Q0JRZ9](#)**FCHO2 Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 115548**Other Names**

FCH domain only protein 2, FCHO2

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.

FCHO2 Antibody (Center) Blocking Peptide - Protein Information**Name** FCHO2**Function**

Functions in an early step of clathrin-mediated endocytosis. Has both a membrane binding/bending activity and the ability to recruit proteins essential to the formation of functional clathrin-coated pits. Has a lipid-binding activity with a preference for membranes enriched in phosphatidylserine and phosphoinositides (Pi(4,5) biphosphate) like the plasma membrane. Its membrane-bending activity might be important for the subsequent action of clathrin and adaptors in the formation of clathrin-coated vesicles. Involved in adaptor protein complex AP-2- dependent endocytosis of the transferrin receptor, it also functions in the AP-2-independent endocytosis of the LDL receptor.

Cellular Location

Membrane, clathrin-coated pit; Peripheral membrane protein; Cytoplasmic side. Note=Associated with forming but not mature clathrin- coated vesicles. The recruitment to coated-pits precede the one of clathrin and the adaptor protein complex AP-2 (By similarity)

FCHO2 Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

FCHO2 Antibody (Center) Blocking Peptide - Images

FCHO2 Antibody (Center) Blocking Peptide - Background

FCHO2 may play a role in membrane remodeling by imposing and stabilizing particular membrane curvatures.

FCHO2 Antibody (Center) Blocking Peptide - References

Henne, W.M., et al. Structure 15(7):839-852(2007) Katoh, M., et al. Int. J. Mol. Med. 14(2):327-331(2004)