

PFDN2 Antibody(C-term) Blocking peptide
Synthetic peptide
Catalog # BP19588b

Specification

PFDN2 Antibody(C-term) Blocking peptide - Product Information

Primary Accession [Q9UHV9](#)

PFDN2 Antibody(C-term) Blocking peptide - Additional Information

Gene ID 5202

Other Names

Prefoldin subunit 2, PFDN2, PFD2

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.

PFDN2 Antibody(C-term) Blocking peptide - Protein Information

Name PFDN2

Synonyms PFD2

Function

Binds specifically to cytosolic chaperonin (c-CPN) and transfers target proteins to it. Binds to nascent polypeptide chain and promotes folding in an environment in which there are many competing pathways for nonnative proteins.

Cellular Location

Nucleus. Cytoplasm. Mitochondrion

PFDN2 Antibody(C-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

PFDN2 Antibody(C-term) Blocking peptide - Images

PFDN2 Antibody(C-term) Blocking peptide - Background

This gene encodes a member of the prefoldin beta subunit family. The encoded protein is one of six subunits of prefoldin, a molecular chaperone complex that binds and stabilizes newly synthesized polypeptides, thereby allowing them to fold correctly. The complex, consisting of two alpha and four beta subunits, forms a double beta barrel assembly with six protruding coiled-coils.

PFDN2 Antibody(C-term) Blocking peptide - References

Cloutier, P., et al. Methods 48(4):381-386(2009) Ewing, R.M., et al. Mol. Syst. Biol. 3, 89 (2007)
:Simons, C.T., et al. J. Biol. Chem. 279(6):4196-4203(2004) Bouwmeester, T., et al. Nat. Cell Biol. 6(2):97-105(2004) Hu, R.M., et al. Proc. Natl. Acad. Sci. U.S.A. 97(17):9543-9548(2000)