

PFDN5 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP13122c**Specification**

PFDN5 Antibody (Center) Blocking Peptide - Product Information

Primary Accession [Q99471](#)

PFDN5 Antibody (Center) Blocking Peptide - Additional Information

Gene ID 5204

Other Names

Prefoldin subunit 5, C-Myc-binding protein Mm-1, Myc modulator 1, PFDN5, MM1, PFD5

Target/Specificity

The synthetic peptide sequence used to generate the antibody AP13122c was selected from the Center region of PFDN5. 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.

PFDN5 Antibody (Center) Blocking Peptide - Protein Information

Name PFDN5

Synonyms MM1, PFD5

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. Represses the transcriptional activity of MYC.

Cellular Location

[Isoform 1]: Nucleus. [Isoform 3]: Nucleus.

Tissue Location

Highly expressed in pancreas and skeletal muscle and moderately in other tissues

PFDN5 Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

PFDN5 Antibody (Center) Blocking Peptide - Images

PFDN5 Antibody (Center) Blocking Peptide - Background

This gene encodes a member of the prefoldin alpha 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. The encoded protein may also repress the transcriptional activity of the proto-oncogene c-Myc. Alternatively spliced transcript variants encoding different isoforms have been described. [provided by RefSeq].

PFDN5 Antibody (Center) Blocking Peptide - References

Ma, H.C., et al. J. Biomed. Sci. 15(4):417-425(2008) Yoshida, T., et al. Exp. Cell Res. 314(6):1217-1228(2008) Lubyova, B., et al. J. Biol. Chem. 282(44):31944-31953(2007) Hagio, Y., et al. J. Cell. Biochem. 97(1):145-155(2006) Bruneel, A., et al. Proteomics 5(15):3876-3884(2005)