

PFDN5 / MM1 Antibody
Rabbit Polyclonal Antibody
Catalog # ALS16854**Specification**

PFDN5 / MM1 Antibody - Product Information

Application	WB, IHC-P, E
Primary Accession	Q99471
Other Accession	5204
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	17328
Dilution	WB~~1:1000 IHC-P~~N/A E~~N/A

PFDN5 / MM1 Antibody - Additional Information**Gene ID** 5204**Other Names**

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

Target/Specificity

Human PFDN5 / MM1

Reconstitution & Storage

PBS, pH 7.4, 0.03% Proclin 300, 50% glycerol. Aliquot and store at -20°C or -80°C. Avoid freeze-thaw cycles.

Precautions

PFDN5 / MM1 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

PFDN5 / MM1 Antibody - 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 / MM1 Antibody - Protocols

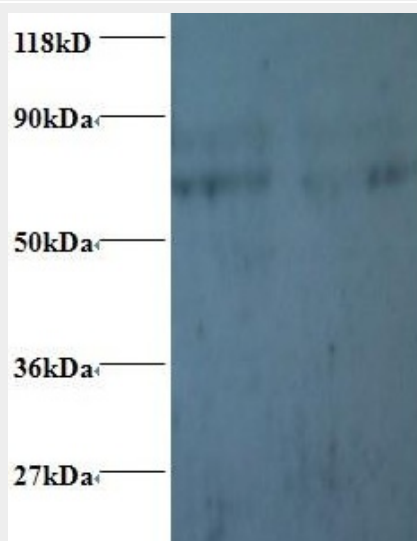
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

PFDN5 / MM1 Antibody - Images



Anti-PFDN5 / MM1 antibody IHC staining of human pancreas.



Western blot of Prefoldin subunit 5 antibody at 2 ug/ml.

PFDN5 / MM1 Antibody - Background

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.

PFDN5 / MM1 Antibody - References

Mori K.,et al.J. Biol. Chem. 273:29794-29800(1998).
Fujioka Y.,et al.J. Biol. Chem. 276:45137-45144(2001).
Hagio Y.,et al.J. Cell. Biochem. 97:145-155(2006).
Kalnine N.,et al.Submitted (MAY-2003) to the EMBL/GenBank/DDBJ databases.
Ota T.,et al.Nat. Genet. 36:40-45(2004).