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PFDN5 Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP13122C

Specification

PFDN5 Antibody (Center) - Product Information

Application	**IHC-P, WB,E**
Primary Accession	Q99471
Other Accession	Q9WU28, Q8HYI9, NP_002615.2
Reactivity	**Human, Mouse**
Predicted	**Bovine**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**17328**
Antigen Region	**79-108**

PFDN5 Antibody (Center) - Additional Information

Gene ID 5204

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

Target/Specificity
This PFDN5 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 79-108 amino acids from the Central region of human PFDN5.

Dilution
IHC-P~~1:10~50
WB~~1:1000
E~~Use at an assay dependent concentration.

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
PFDN5 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

PFDN5 Antibody (Center) - 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.

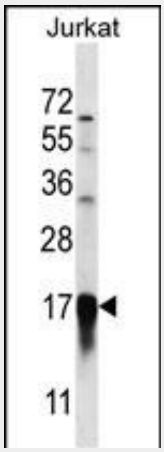
Tissue Location
Highly expressed in pancreas and skeletal muscle and moderately in other tissues

PFDN5 Antibody (Center) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

PFDN5 Antibody (Center) - Images



PFDN5 Antibody (Center) (Cat. #AP13122c) western blot analysis in Jurkat cell line lysates (35ug/lane).This demonstrates the PFDN5 antibody detected the PFDN5 protein (arrow).

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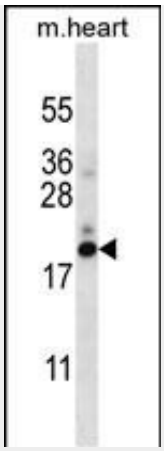
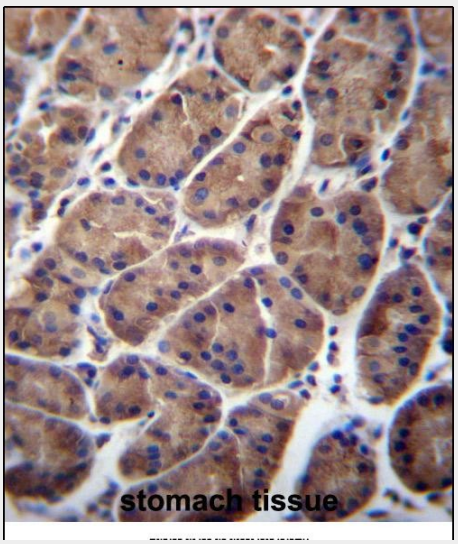


PFDN5 Antibody (Center) (Cat. #AP13122c) western blot analysis in mouse heart tissue lysates (35ug/lane).This demonstrates the PFDN5 antibody detected the PFDN5 protein (arrow).



PFDN5 Antibody (Center) (Cat. #AP13122c)immunohistochemistry analysis in formalin fixed and paraffin embedded human stomach tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of PFDN5 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.

PFDN5 Antibody (Center) - 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) - References

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