

PFDN4 Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP19024a

Specification

PFDN4 Antibody (N-term) - Product Information

Application	WB,E
Primary Accession	O9NOP4
Other Accession	Q2TBR6 , NP_002614.2
Reactivity	Human
Predicted	Bovine
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	15314
Antigen Region	4-32

PFDN4 Antibody (N-term) - Additional Information

Gene ID 5203

Other Names

Prefoldin subunit 4, Protein C-1, PFDN4, PFD4

Target/Specificity

This PFDN4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 4-32 amino acids from the N-terminal region of human PFDN4.

Dilution

WB~~1:1000

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

PFDN4 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

PFDN4 Antibody (N-term) - Protein Information

Name PFDN4

Synonyms PFD4

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

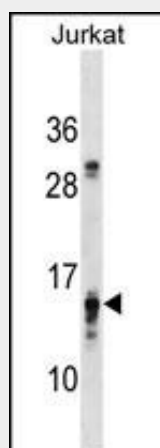
Nucleus. Cytoplasm. Mitochondrion

PFDN4 Antibody (N-term) - 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](#)

PFDN4 Antibody (N-term) - Images



PFDN4 Antibody (N-term) (Cat. #AP19024a) western blot analysis in Jurkat cell line lysates (35ug/lane). This demonstrates the PFDN4 antibody detected the PFDN4 protein (arrow).

PFDN4 Antibody (N-term) - 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.

PFDN4 Antibody (N-term) - References

Simons, C.T., et al. J. Biol. Chem. 279(6):4196-4203(2004)
Martin-Benito, J., et al. EMBO J. 21(23):6377-6386(2002)
Hartl, F.U., et al. Science 295(5561):1852-1858(2002)
Deloukas, P., et al. Nature 414(6866):865-871(2001)

Cowan, N.J., et al. Nat. Struct. Biol. 6(11):990-991(1999)