

Product datasheet

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ARG40819 anti-PFDN4 antibody

Package: 100 μl Store at: -20°C

Summary

Product Description Rabbit Polyclonal antibody recognizes PFDN4

Tested Reactivity Hu, Ms, Rat
Tested Application ICC/IF, WB
Host Rabbit
Clonality Polyclonal
Isotype IgG

Target Name PFDN4

Species Human

Immunogen Recombinant fusion protein corresponding to aa. 1-134 of Human PFDN4 (NP_002614.2).

Conjugation Un-conjugated

Alternate Names Prefoldin subunit 4; C1; PFD4; Protein C-1

Application Instructions

Application table	Application	Dilution
	ICC/IF	1:50 - 1:200
	WB	1:200 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	HeLa	
Observed Size	16 kDa	

Properties

Form Liquid

Purification Affinity purified.

Buffer PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.

Preservative 0.02% Sodium azide

Stabilizer 50% Glycerol

Storage instruction For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot

and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol PFDN4

Gene Full Name prefoldin subunit 4

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. [provided by

RefSeq, Jul 2008]

Function Binds specifically to cytosolic chaperonin (c-CPN) and transfers target proteins to it. Binds to nascent

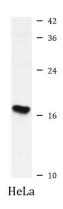
polypeptide chain and promotes folding in an environment in which there are many competing

pathways for nonnative proteins. [UniProt]

Calculated Mw 15 kDa

Cellular Localization Nucleus. Cytoplasm. Mitochondrion. [UniProt]

Images



ARG40819 anti-PFDN4 antibody WB image

Western blot: 25 μg of HeLa cell lysate stained with ARG40819 anti-PFDN4 antibody at 1:1000 dilution.