PFDN4 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	PFDN4, Polyclonal Antibody
Full Product Name	PFDN4 Rabbit pAb
Product Gene Name	anti-PFDN4 antibody
Product Synonym Names	C1; PFD4
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Purity/Purification	Affinity Purified
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.
Molecular Weight	15kDa
OMIM	604898
3D Structure	ModBase 3D Structure for Q9NQP4
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-134 of human PFDN4 (NP_002614.2).
Cellular Localization	Cytoplasm, Mitochondrion, Nucleus
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-PFDN4 antibody	Western Blot (WB)
Application Notes for anti-PFDN4 antibody	WB: 1:200-1:2000
Related Product Information for anti-PFDN4 antibody	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.
Other Notes	Small volumes of anti-PFDN4 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for PFDN4 purchase	MBS8549846 is an antibody targeting PFDN4. Also known as PFDN4 Rabbit pAb. Reactive in Human, Mouse. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for PFDN4. It may not necessarily be applicable to this product.

NCBI GI #	12643815
NCBI GeneID	5203
NCBI Accession #	Q9NQP4.1

UniProt Primary Accession #	Q9NQP4
UniProt Related Accession #	Q9NQP4
NCBI Official Full Name	Prefoldin subunit 4
NCBI Official Synonym Full Names	prefoldin subunit 4
NCBI Official Symbol	PFDN4
NCBI Official Synonym Symbols	C1; PFD4
UniProt Protein Name	Prefoldin subunit 4
UniProt Synonym Protein Names	Protein C-1
Protein Family	Prefoldin
UniProt Gene Name	PFDN4
UniProt Synonym Gene Names	PFD4
UniProt Entry Name	PFD4_HUMAN
NCBI Protein Information	prefoldin subunit 4
NCBI Summary for PFDN4	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]
UniProt Comments for PFDN4	PFDN4: 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. Belongs to the prefoldin subunit beta family. Chromosomal Location of Human Ortholog: 20q13.2 Cellular Component: mitochondrion; cytoplasm; nucleus; cytosol; prefoldin complex Molecular Function: protein binding; chaperone binding; unfolded protein binding Biological Process: 'de novo' posttranslational protein folding; cellular protein metabolic process; protein folding
Research Articles on PFDN4	**1.** PFDN4 inhibition resulted in an increase in cell growth and invasiveness in colorectal cancer cell lines.
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