

Rabbit anti-Human, Mouse PFDN1 Polyclonal Antibody | anti-PFDN1 antibody

PFDN1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA321222	Rabbit	Human, Mouse	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

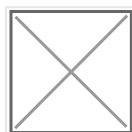
PRODUCT SYNONYMS

PFDN1; Polyclonal Antibody; PFDN1 Antibody; PDF; PFD1; PFD1_HUMAN; pfdn1; Prefoldin 1; Prefoldin subunit 1; anti-PFDN1 antibody

PRODUCT SPECIFICATIONS

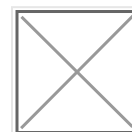
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	PFDN1 antibody detects endogenous levels of PFDN1
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	122
Applicable Applications for anti-PFDN1 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide derived from human PFDN1
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Chicken, Xenopus
Similarity	Pig (100%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Chicken (82%), Xenopus (91%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis on RAW264.7 cell lysate using PFDN1 Antibody. The lane on the left is treated with the antigen-specific peptide.



IF (Immunofluorescence)

AAA321222 staining RAW264.7 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-PFDN1 antibody	Description: PFDN1 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. Heterohexamer of two PFD-alpha type and four PFD-beta type subunits. Note: This description may include information from UniProtKB. 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. Subunit Structure: Heterohexamer of two PFD-alpha type and four PFD-beta type subunits. Similarity: Belongs to the prefoldin subunit beta family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	21536449
NCBI GeneID	5201
NCBI Accession #	NP_002613.2
NCBI GenBank Nucleotide #	NM_002622.4
UniProt Accession #	O60925; Q53F95; Q96EX6; B2RD02
Molecular Weight	Observed: 14 kDa Predicted: 15 kDa
NCBI Official Full Name	prefoldin subunit 1
NCBI Official Synonym Full Names	prefoldin subunit 1
NCBI Official Symbol	PFDN1
NCBI Official Synonym Symbols	PDF; PFD1
NCBI Protein Information	prefoldin subunit 1
UniProt Protein Name	Prefoldin subunit 1
UniProt Gene Name	PFDN1
UniProt Synonym Gene Names	PFD1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.