

Rabbit anti-Human PFDN2 Polyclonal Antibody | anti-PFDN2 antibody

Anti-PFDN2 Antibody, Rabbit Polyclonal

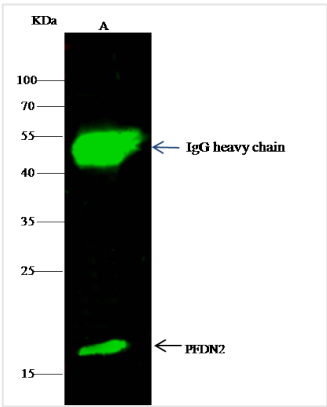
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA255759	Rabbit	Human	Immunoprecipitation, ELISA, Western Blot

PRODUCT SYNONYMS

PFDN2; Polyclonal Antibody; Anti-PFDN2 Antibody; Rabbit Polyclonal; PFD2/PFDN2 Antibody; Rabbit PAb; Antigen Affinity Purified; prefoldin subunit 2; Anti-PFD2 Antibody; anti-PFDN2 antibody

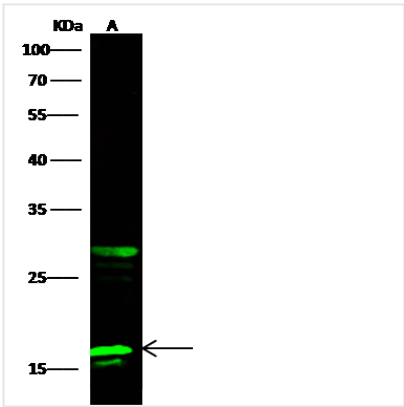
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human PFD2/PFDN2
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-PFDN2 antibody	IP (Immunoprecipitation), ELISA, WB (Western Blot)
Immunogen	Recombinant Human PFD2/PFDN2 protein
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with purified, recombinant Human PFD2/PFDN2 (rh PFD2/PFDN2). PFD2/PFDN2 specific IgG was purified by Human PFD2/PFDN2 affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.



IP (Immunoprecipitation)

PFDN2 was immunoprecipitated using: Lane A: 0.5 mg Jurkat Whole Cell Lysate, 2 uL anti-PFDN2 rabbit polyclonal antibody and 15 uL of 50 % Protein G agarose. Primary antibody: Anti-PFDN2 rabbit polyclonal antibody, at 1:200 dilution. Secondary antibody: DyLight 800-labeled antibody to rabbit IgG (H+L), at 1:5000 dilution. Developed using the Odyssey technique. Performed under reducing conditions. Predicted band size: 17 kDa. Observed band size: 17 kDa.



WB (Western Blot)

Anti-PFDN2 rabbit polyclonal antibody at 1:500 dilution. Lane A: Jurkat Whole Cell Lysate. Lysates/proteins at 30 ug per lane. Secondary: Goat Anti-Rabbit IgG H&L (DyLight 800) at 1/10000 dilution. Developed using the Odyssey technique. Performed under reducing conditions. Predicted band size: 17 kDa. Observed band size: 17 kDa. (We are unsure as to the identity of these extra bands.)

ADDITIONAL INFORMATION

Related Product Information for anti-PFDN2 antibody	PFD2, also known as PFDN2, belongs to the prefoldin beta subunit family. PFD2 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. PFD2 binds specifically to cytosolic chaperonin (c-CPN) and transfers target proteins to it. PFD2 also binds to a nascent polypeptide chain and promotes folding in a setting in which there are many competing pathways for nonnative proteins.
References	Gerhard DS, et al. (2004) The Status, Quality, and Expansion of the NIH Full-Length cDNA Project: The Mammalian Gene Collection (MGC). Genome Res. 14(10B):2121-7. Bauch A, et al. (2004) A physical and functional map of the human TNF-alpha/NF-kappa B signal transduction pathway. Nat Cell Biol. 6(2):97-105. Nogaj LA, et al. (2005) Cellular levels of glutamyl-tRNA reductase and glutamate-1-semialdehyde aminotransferase do not control chlorophyll synthesis in Chlamydomonas reinhardtii. Plant Physiol. 139(1):389-96.

NCBI AND UNIPROT INFORMATION

NCBI GI #	12408675
NCBI GeneID	5202
NCBI Accession #	NP_036526.2
NCBI GenBank Nucleotide #	NM_012394.3
UniProt Accession #	Q9UHV9; Q9P0P7; Q9UN05
Molecular Weight	16,648 Da
NCBI Official Full Name	prefoldin subunit 2
NCBI Official Synonym Full Names	prefoldin subunit 2
NCBI Official Symbol	PFDN2
NCBI Official Synonym Symbols	PFD2
NCBI Protein Information	prefoldin subunit 2; prefoldin 2
UniProt Protein Name	Prefoldin subunit 2
UniProt Gene Name	PFDN2

UniProt Synonym Gene Names	PFD2
UniProt Entry Name	PFD2_HUMAN

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/pfdn2-antibody-immunoprecipitation-western-blot-elisa/255759>