

PFDN2 Antibody(C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP19588b

Product Information

Application	WB, E
Primary Accession	Q9UHV9
Other Accession	B0BN18 , O70591 , A1A4P5 , NP_036526.2
Reactivity	Human, Mouse
Predicted	Bovine, Rat, Canine, Rabbit, Chicken
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB39208
Calculated MW	16648
Antigen Region	97-125

Additional Information

Gene ID	5202
Other Names	Prefoldin subunit 2, PFDN2, PFD2
Target/Specificity	This PFDN2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 97-125 amino acids from the C-terminal region of human PFDN2.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
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	PFDN2 Antibody(C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	PFDN2
Synonyms	PFD2
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

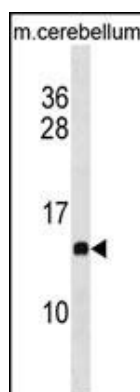
Background

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.

References

Cloutier, P., et al. Methods 48(4):381-386(2009) Ewing, R.M., et al. Mol. Syst. Biol. 3, 89 (2007) : Simons, C.T., et al. J. Biol. Chem. 279(6):4196-4203(2004) Bouwmeester, T., et al. Nat. Cell Biol. 6(2):97-105(2004) Hu, R.M., et al. Proc. Natl. Acad. Sci. U.S.A. 97(17):9543-9548(2000)

Images



PFDN2 Antibody (C-term) (Cat. #AP19588b) western blot analysis in mouse cerebellum tissue lysates (35ug/lane). This demonstrates the PFDN2 antibody detected the PFDN2 protein (arrow).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.