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PFDN6 Antibody (N-term)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP2836a

Product Information

Application	WB, E
Primary Accession	O15212
Other Accession	Q03958, Q17Q89
Reactivity	Human, Mouse
Predicted	Bovine, Mouse, Rat, Canine, Rabbit
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	14583
Antigen Region	6-34

Additional Information

Gene ID	10471
Other Names	Prefoldin subunit 6, Protein Ke2, PFDN6, HKE2, PFD6
Target/Specificity	This PFDN6 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 6-34 amino acids from the N-terminal region of human PFDN6.
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 prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
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	PFDN6 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	PFDN6
Synonyms	HKE2, PFD6
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.

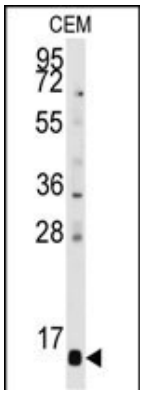
Background

PFDN6 binds specifically to cytosolic chaperonin (c-CPN) and transfers target proteins to it. This protein also binds to nascent polypeptide chain and promotes folding in an environment in which there are many competing pathways for nonnative proteins.

References

Ostrov,D.A., Tissue Antigens 69 (2), 181-188 (2007)
Simons,C.T., J. Biol. Chem. 279 (6), 4196-4203 (2004)
Vainberg,I.E., Cell 93 (5), 863-873 (1998)

Images



Western blot analysis of anti-PFDN6 Antibody (N-term) (Cat.#AP2836a) in CEM cell line lysates (35ug/lane). PFDN6 (arrow) was detected using the purified Pab.

Citations

- Prefoldin subunits are protected from ubiquitin-proteasome system-mediated degradation by forming complex with other constituent subunits.
- Prefoldin protects neuronal cells from polyglutamine toxicity by preventing aggregation formation.
- Prefoldin plays a role as a clearance factor in preventing proteasome inhibitor-induced protein aggregation.

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