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PFDN3 Rabbit pAb

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Catalog # AP54909

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	P61758
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	22626
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human PFDN3
Epitope Specificity	51-150/197
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Cytoplasm. Nucleus. In complex with VHL can translocate to the nucleus.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	The protein encoded by this gene interacts with the Von Hippel-Lindau protein to form an intracellular complex. The encoded protein functions as a chaperone protein, and may play a role in the transport of the Von Hippel-Lindau protein from the perinuclear granules to the nucleus or cytoplasm. Alternative splicing and the use of alternate transcription start sites results in multiple transcript variants encoding different protein isoforms. [provided by RefSeq, Jan 2015]

Additional Information

Gene ID	7411
Other Names	Prefoldin subunit 3, HIBBJ46, von Hippel-Lindau-binding protein 1, VBP-1, VHL-binding protein 1, VBP1, PFDN3
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	VBP1

Synonyms	PFDN3
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	Cytoplasm. Nucleus. Note=In complex with VHL can translocate to the nucleus
Tissue Location	Ubiquitous.

Background

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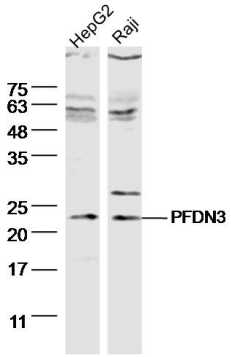
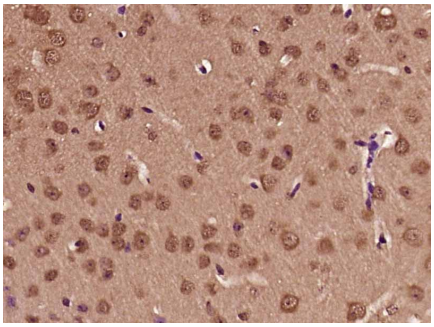
Images



Sample:
HepG2(Human) Cell Lysate at 40 ug
Raji(Human) Cell Lysate at 40 ug
Primary: Anti-PFDN3 (AP54909) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 23 kD
Observed band size: 23 kD



Paraformaldehyde-fixed, paraffin embedded (Mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (PFDN3) Polyclonal Antibody, Unconjugated (AP54909) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.