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PLEKHF1 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP16531a

Product Information

Application	WB, E
Primary Accession	Q96S99
Other Accession	NP_077286.3
Reactivity	Human
Predicted	Mouse, Rat, Bovine, Canine, Chicken
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB36045
Calculated MW	31195
Antigen Region	51-79

Additional Information

Gene ID	79156
Other Names	Pleckstrin homology domain-containing family F member 1, PH domain-containing family F member 1, Lysosome-associated apoptosis-inducing protein containing PH and FYVE domains, Apoptosis-inducing protein, PH and FYVE domain-containing protein 1, Phafin-1, Zinc finger FYVE domain-containing protein 15, PLEKHF1, APPD, LAPF, ZFYVE15
Target/Specificity	This PLEKHF1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 51-79 amino acids from the N-terminal region of human PLEKHF1.
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	PLEKHF1 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	PLEKHF1
Synonyms	APPD, LAPF, ZFYVE15
Function	May play a role in endosome function.

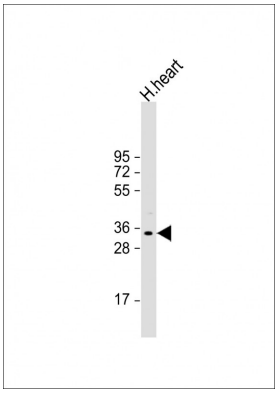
Background

PLEKHF1 may induce apoptosis through the lysosomal-mitochondrial pathway. Translocates to the lysosome initiating the permeabilization of lysosomal membrane (LMP) and resulting in the release of CTSD and CTSL to the cytoplasm. Triggers the caspase-independent apoptosis by altering mitochondrial membrane permeabilization (MMP) resulting in the release of PDCD8.

References

Chen, W., et al. J. Biol. Chem. 280(49):40985-40995(2005)

Images



Anti-PLEKHF1 Antibody (N-term) at 1:1000 dilution + human heart lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 31 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

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