

HCFC1R1 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP11644A

Product Information

Application WB, IHC-P, E Primary Accession Q9NWW0

Other Accession NP 001002018.1, NP 001002017.1

Reactivity Human
Host Rabbit
Clonality Polyclonal
Isotype Rabbit IgG
Clone Names RB30168
Calculated MW 15291
Antigen Region 1-30

Additional Information

Gene ID 54985

Other Names Host cell factor C1 regulator 1, HCF-1 beta-propeller-interacting protein,

HCFC1R1, HPIP

Target/SpecificityThis HCFC1R1 antibody is generated from rabbits immunized with a KLH

conjugated synthetic peptide between 1-30 amino acids from the N-terminal

region of human HCFC1R1.

Dilution WB~~1:1000 IHC-P~~1:100~500 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 HCFC1R1 Antibody (N-term) is for research use only and not for use in

diagnostic or therapeutic procedures.

Protein Information

Name HCFC1R1

Synonyms HPIP

Function Regulates HCFC1 activity by modulating its subcellular localization.

Overexpression of HCFC1R1 leads to accumulation of HCFC1 in the cytoplasm. HCFC1R1-mediated export may provide the pool of cytoplasmic HCFC1 required for import of virion-derived VP16 into the nucleus.

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Cellular Location Cytoplasm. Nucleus. Note=Shuttles between the nucleus and cytoplasm in a

CRM1-dependent manner

Tissue Location Widely expressed..

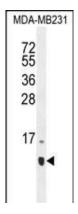
Background

Regulates HCFC1 activity by modulating its subcellular localization. Overexpression of HCFC1R1 leads to accumulation of HCFC1 in the cytoplasm. HCFC1R1-mediated export may provide the pool of cytoplasmic HCFC1 required for import of virion-derived VP16 into the nucleus.

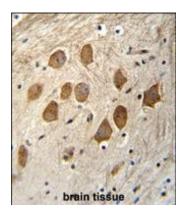
References

Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010) Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009) Lamesch, P., et al. Genomics 89(3):307-315(2007) Mahajan, S.S., et al. J. Biol. Chem. 277(46):44292-44299(2002)

Images



HCFC1R1 Antibody (N-term) (Cat. #AP11644a) western blot analysis in MDA-MB231 cell line lysates (35ug/lane). This demonstrates the HCFC1R1 antibody detected the HCFC1R1 protein (arrow).



HCFC1R1 Antibody (N-term) (Cat. #AP11644a)immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of HCFC1R1 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.

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