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[Marker Primary Antibody]

Rabbit Anti-HCFC1R1/Biotin Conjugated antibody

Catalog Number: SL17359R-Bio

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	Anti-HCFC1R1/Biotin
Immunogen:	KLH conjugated synthetic peptide derived from human HCFC1R1
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Applications:	IHC-P=1:100-500 IHC-F=1:100-500 IF=1:100-500 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Mouse,Rat(predicted:Human,Chicken,Dog,Pig,Cow,Horse,Rabbit,Sheep)
Background:	background: PSTPIP1 is a 416 amino acid protein that localizes to both the cytoplasm and the cytoskeleton and contains one SH3 domain and one FCH domain. Expressed at high levels in T cells and spleen and present at lower levels in thymus, lung, placenta and small intestine, PSTPIP1 interacts with CD2AP, BDP1 and c-Abl and is involved in the regulation of the Actin cytoskeleton, possibly functioning as a scaffold protein that may promote Actin polymerization. Defects in the gene encoding PSTPIP1 are the cause of PAPA syndrome (PAPAS), an autosomal dominant disease characterized by recurring inflammatory episodes that affect skin and joint tissue. Multiple isoforms of PSTPIP1 exist due to alternative splicing events. **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

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	cytoplasmic HCFC1 required for import of virion-derived VP16 into the nucleus. **Subcellular Location:** Cytoplasm. Nucleus. Shuttles between the nucleus and cytoplasm in a CRM1-dependent manner. **Tissue Specificity:** Widely expressed. **Database links:** **Entrez Gene:** 54985 Human **Entrez Gene:** 353502 Mouse **SwissProt:** Q9NWW0 Human **SwissProt:** Q9CYQ5 Mouse **Unigene:** 423103 Human **Unigene:** 728247 Human **Unigene:** 359030 Mouse Important **Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.