10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

RCE1 antibody - N-terminal region

Rabbit Polyclonal Antibody
Catalog # AI12497

Product Information

Application	WB, IHC
Primary Accession	Q9Y256
Other Accession	NM_005133, NP_005124
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Goat, Dog, Guinea Pig, Horse, Bovine
Predicted	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Goat, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	35833

Additional Information

Gene ID	9986
Alias Symbol	FACE2, RCE1A, RCE1B
Other Names	CAAX prenyl protease 2, 3.4.22.-, Farnesylated proteins-converting enzyme 2, FACE-2, Prenyl protein-specific endoprotease 2, RCE1 homolog, hRCE1, RCE1, FACE2, RCE1A, RCE1B
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 100 ul of distilled water. Final anti-RCE1 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	RCE1 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	RCE1
Synonyms	FACE2, RCE1A, RCE1B
Function	Protease involved in the processing of a variety of prenylated proteins containing the C-terminal CAAX motif, where C is a cysteine modified with an isoprenoid lipid, A is an aliphatic amino acid and X is any C-terminal amino acid. Proteolytically removes the C- terminal three residues of farnesylated and geranylated proteins, leaving the prenylated cysteine as the new C-terminus. Is able to process K-Ras, N-Ras, H-Ras, RAP1B and G-gamma-1

(PubMed:10085068).

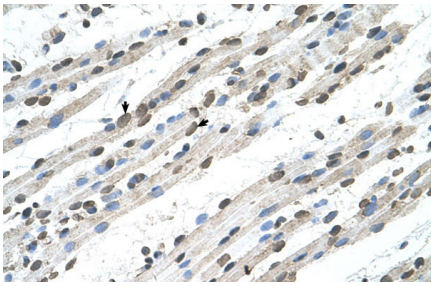
Cellular Location Endoplasmic reticulum membrane; Multi-pass membrane protein

Tissue Location Ubiquitous..

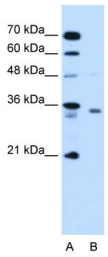
References

Plummer,L.J.,(2006)J.Biol.Chem.281(8),4596-4605ReconstitutionandStorage:Forshorttermuse,storeat2-8Cupto1week.Forlongtermstorage,storeat-20Cinsmallaliquotstopreventfreeze-thawcycles.

Images



Human Muscle



WB Suggested Anti-RCE1 Antibody Titration: 1.25µg/ml
Positive Control: HepG2 cell lysate
RCE1 is supported by BioGPS gene expression data to be expressed in HepG2

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