

RCE1 antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI12497**Specification**

RCE1 antibody - N-terminal region - Product Information

Application	WB, IHC
Primary Accession	O9Y256
Other Accession	NM_005133 , NP_005124
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Goat, Horse, Bovine, Guinea Pig, Dog
Predicted	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Goat, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	36kDa kDa

RCE1 antibody - N-terminal region - 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.

RCE1 antibody - N-terminal region - 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

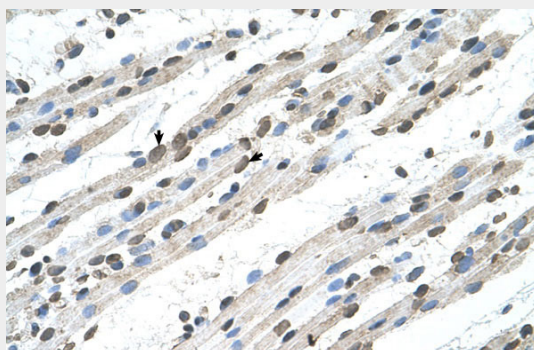
Tissue Location

Ubiquitous..

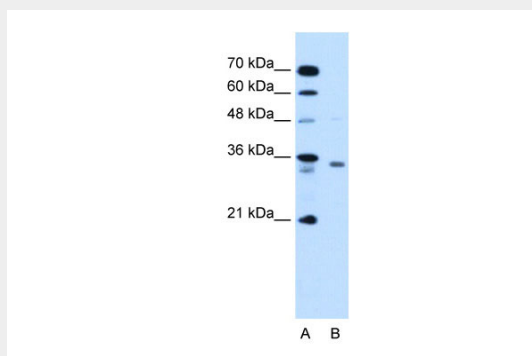
RCE1 antibody - N-terminal region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

RCE1 antibody - N-terminal region - 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

RCE1 antibody - N-terminal region - References

Plummer, L.J., (2006) J. Biol. Chem. 281(8), 4596-4605 Reconstitution and Storage: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.