

Active RHEB peptide **ab39862**

Description

Product name	Active RHEB peptide
Biological activity	This peptide is used for blocking the activity of the Anti-Rheb antibody (ab25976).
Animal free	No
Nature	Synthetic

Specifications

Our **Abpromise guarantee** covers the use of **ab39862** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	Blocking
Form	Liquid

Preparation and Storage

Stability and Storage	<p>Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.</p> <p>pH: 7.2</p> <p>Preservative: 0.02% Sodium azide</p> <p>Constituents: PBS, 0.1% BSA</p> <p>This product is an active protein and may elicit a biological response in vivo, handle with caution.</p>
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General Info

Function	<p>Stimulates the phosphorylation of S6K1 and EIF4EBP1 through activation of mTORC1 signaling.</p> <p>Activates the protein kinase activity of mTORC1. Has low intrinsic GTPase activity.</p>
Tissue specificity	Ubiquitous. Highest levels observed in skeletal and cardiac muscle.
Sequence similarities	Belongs to the small GTPase superfamily. Rheb family.
Post-translational modifications	Farnesylation is important for efficiently activating mTORC1-mediated signaling.
Cellular localization	Cell membrane.

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- Replacement or refund for products not performing as stated on the datasheet
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- Response to your inquiry within 24 hours

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