

RHOBTB3 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP8502b**Specification**

RHOBTB3 Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [O94955](#)**RHOBTB3 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 22836**Other Names**

Rho-related BTB domain-containing protein 3, 361-, RHOBTB3, KIAA0878

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP8502b](/products/AP8502b) was selected from the C-term region of human RHOBTB3. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

RHOBTB3 Antibody (C-term) Blocking Peptide - Protein Information**Name** RHOBTB3**Synonyms** KIAA0878**Function**

Rab9-regulated ATPase required for endosome to Golgi transport. Involved in transport vesicle docking at the Golgi complex, possibly by participating in release M6PRBP1/TIP47 from vesicles to permit their efficient docking and fusion at the Golgi. Specifically binds Rab9, but not other Rab proteins. Has low intrinsic ATPase activity due to autoinhibition, which is relieved by Rab9.

Cellular Location

Golgi apparatus.

Tissue Location

Ubiquitous. Highly expressed in neural and cardiac tissues, pancreas, placenta and testis.

RHOBTB3 Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

RHOBTB3 Antibody (C-term) Blocking Peptide - Images

RHOBTB3 Antibody (C-term) Blocking Peptide - Background

RHOBTB3 is a member of the evolutionarily conserved RHOBTB subfamily of Rho GTPases.

RHOBTB3 Antibody (C-term) Blocking Peptide - References

Wheeler,H.E., et.al., PLoS Genet. 5 (10), E1000685 (2009)