

# CYBASC3 Antibody (C-term) Blocking peptide

Synthetic peptide Catalog # BP5496b

## **Specification**

## CYBASC3 Antibody (C-term) Blocking peptide - Product Information

Primary Accession <u>Q8NBI2</u>
Other Accession <u>NP 705839.2</u>

# CYBASC3 Antibody (C-term) Blocking peptide - Additional Information

### Gene ID 220002

#### **Other Names**

Cytochrome b ascorbate-dependent protein 3, 1---, Cytochrome b561 family member A3, Lysosomal cytochrome b, LCytb, CYB561A3, CYBASC3, LCYTB

#### **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.

## CYBASC3 Antibody (C-term) Blocking peptide - Protein Information

Name CYB561A3 (HGNC:23014)

#### **Function**

Transmembrane reductase that uses ascorbate as an electron donor in the cytoplasm and transfers electrons across membranes to reduce iron cations Fe(3+) into Fe(2+) in the lumen of the late endosome and lysosome. Reduced iron can then be extruded from the late endosome and lysosome to the cytoplasm by divalent metal-specific transporters. It is therefore most probably involved in endosomal and lysosomal cellular iron homeostasis.

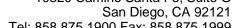
### **Cellular Location**

Late endosome membrane {ECO:0000250|UniProtKB:Q6P1H1}; Multi-pass membrane protein {ECO:0000250|UniProtKB:Q53TN4}. Lysosome membrane; Multi-pass membrane protein {ECO:0000250|UniProtKB:Q53TN4}

### CYBASC3 Antibody (C-term) Blocking peptide - Protocols

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







• Blocking Peptides CYBASC3 Antibody (C-term) Blocking peptide - Images