

CYBASC3 Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP5496b**Specification**

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

Primary Accession [Q8NBI2](#)
Other Accession [NP_705839.2](#)

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