

BARON Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP1831c**Specification**

BARON Antibody (Center) Blocking Peptide - Product InformationPrimary Accession [Q92622](#)**BARON Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 9711**Other Names**

Run domain Beclin-1 interacting and cysteine-rich containing protein, Rubicon, Beclin-1 associated RUN domain containing protein, Baron, KIAA0226

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.

BARON Antibody (Center) Blocking Peptide - Protein Information**Name** RUBCN ([HGNC:28991](#))**Synonyms** KIAA0226**Function**

Inhibits PIK3C3 activity; under basal conditions negatively regulates PI3K complex II (PI3KC3-C2) function in autophagy. Negatively regulates endosome maturation and degradative endocytic trafficking and impairs autophagosome maturation process. Can sequester UVRAG from association with a class C Vps complex (possibly the HOPS complex) and negatively regulates Rab7 activation (PubMed:20974968, PubMed:21062745).

Cellular Location

Late endosome. Lysosome. Early endosome Note=Predominantly located in late endosomes/lysosomes, only partially detected in early endosome and not at all in the Golgi apparatus

BARON Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

BARON Antibody (Center) Blocking Peptide - Images**BARON Antibody (Center) Blocking Peptide - References**

Matsunaga, K., et al. Nat. Cell Biol. 11(4):385-396(2009) Muzny, D.M., et al. Nature 440(7088):1194-1198(2006) Venter, J.C., et al. Science 291(5507):1304-1351(2001)