

RN185 Antibody (Center) Blocking peptide
Synthetic peptide
Catalog # BP10818c**Specification**

RN185 Antibody (Center) Blocking peptide - Product InformationPrimary Accession [Q96GF1](#)**RN185 Antibody (Center) Blocking peptide - Additional Information****Gene ID** 91445**Other Names**

E3 ubiquitin-protein ligase RNF185, 632-, RING finger protein 185, RNF185

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.

RN185 Antibody (Center) Blocking peptide - Protein Information**Name** RNF185 {ECO:0000303|Ref.1, ECO:0000312|HGNC:HGNC:26783}**Function**

E3 ubiquitin-protein ligase that regulates selective mitochondrial autophagy by mediating 'Lys-63'-linked polyubiquitination of BNIP1 (PubMed:21931693). Acts in the endoplasmic reticulum (ER)- associated degradation (ERAD) pathway, which targets misfolded proteins that accumulate in the endoplasmic reticulum (ER) for ubiquitination and subsequent proteasome-mediated degradation (PubMed:27485036). Protects cells from ER stress-induced apoptosis (PubMed:27485036). Responsible for the cotranslational ubiquitination and degradation of CFTR in the ERAD pathway (PubMed:24019521). Also acts as a regulator of the innate antiviral response by catalyzing 'Lys-27'-linked polyubiquitination of CGAS at 'Lys-173' and 'Lys-384', thereby promoting CGAS cyclic GMP-AMP synthase activity (PubMed:28273161). Preferentially associates with the E2 enzymes UBE2J1 and UBE2J2 (PubMed:24019521).

Cellular Location

Mitochondrion outer membrane; Multi-pass membrane protein. Endoplasmic reticulum membrane;

Multi-pass membrane protein

Tissue Location

Ubiquitously expressed.

RN185 Antibody (Center) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

RN185 Antibody (Center) Blocking peptide - Images

RN185 Antibody (Center) Blocking peptide - References

Collins, J.E., et al. Genome Biol. 5 (10), R84 (2004) :