

RNF157 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP18282a**Specification**

RNF157 Antibody (N-term) Blocking Peptide - Product InformationPrimary Accession [Q96PX1](#)**RNF157 Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 114804**Other Names**

RING finger protein 157, RNF157, KIAA1917

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.

RNF157 Antibody (N-term) Blocking Peptide - Protein Information**Name** RNF157**Synonyms** KIAA1917**Function**

E3 ubiquitin ligase that ubiquitinates APBB1 for its degradation by the proteasome and thus prevents apoptosis and promotes survival of neurons (PubMed:25342469). Has a dual role in neurons as it is also required for dendrite growth and maintenance for which its ligase activity is not critical (PubMed:25342469). May act as a scaffold molecule to regulate this process (PubMed:25342469). Acts as a downstream effector of the interconnected PI3K and MAPK signaling pathways and thus participates in the regulation of the cell cycle (PubMed:28655764).

Cellular Location

Cytoplasm {ECO:0000250|UniProtKB:M0R5D6}.

RNF157 Antibody (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

RNF157 Antibody (N-term) Blocking Peptide - Images**RNF157 Antibody (N-term) Blocking Peptide - Background**

The function of this protein remains unknown.

RNF157 Antibody (N-term) Blocking Peptide - References

Bailey, S.D., et al. Diabetes Care (2010) In press :Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009)