

**RNF165 Antibody (N-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP17710a****Specification**

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**RNF165 Antibody (N-term) Blocking Peptide - Product Information**Primary Accession [Q6ZSG1](#)**RNF165 Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 494470**Other Names**

RING finger protein 165, RNF165

**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.

**RNF165 Antibody (N-term) Blocking Peptide - Protein Information****Name** ARK2C ([HGNC:31696](#))**Synonyms** RNF165**Function**

E3 ubiquitin-protein ligase that acts as a regulator of motor axon elongation. Required for efficient motor axon extension in the dorsal forelimb by enhancing the transcriptional responses of the SMAD1/SMAD5/SMAD8 effectors, which are activated downstream of BMP. Acts by mediating ubiquitination and degradation of SMAD inhibitors such as SMAD6, SMAD7, SKI and SNON isoform of SKIL.

**Cellular Location**

Nucleus {ECO:0000250|UniProtKB:E9QAU8}.

**RNF165 Antibody (N-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

**RNF165 Antibody (N-term) Blocking Peptide - Images****RNF165 Antibody (N-term) Blocking Peptide - Background**

Encoded in regions involved in pericentric inversions in patients with bipolar affective disorder.

**RNF165 Antibody (N-term) Blocking Peptide - References**

Rose, J. Phd, et al. Mol. Med. (2010) In press :Pickard, B.S., et al. Psychiatr. Genet.  
15(1):37-44(2005)