

RNF166 Blocking Peptide (Center)
Synthetic peptide
Catalog # BP20484c**Specification**

RNF166 Blocking Peptide (Center) - Product Information

Primary Accession [Q96A37](#)
Other Accession [Q6J1I7](#), [Q3U9F6](#)

RNF166 Blocking Peptide (Center) - Additional Information

Gene ID 115992

Other Names
RING finger protein 166, RNF166

Target/Specificity
The synthetic peptide sequence is selected from aa 86-97 of Human RNF166

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.

RNF166 Blocking Peptide (Center) - Protein Information

Name RNF166

Function
E3 ubiquitin-protein ligase that promotes the ubiquitination of different substrates (PubMed:27880896). In turn, participates in different biological processes including interferon production or autophagy (PubMed:26456228, PubMed:27880896). Plays a role in the activation of RNA virus-induced interferon-beta production by promoting the ubiquitination of TRAF3 and TRAF6 (PubMed:26456228). Also plays a role in the early recruitment of autophagy adapters to bacteria (PubMed:27880896). Mediates 'Lys-29' and 'Lys-33'-linked ubiquitination of SQSTM1 leading to xenophagic targeting of bacteria and inhibition of their replication (PubMed:27880896).

Cellular Location

Cytoplasm.

RNF166 Blocking Peptide (Center) - Protocols

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

- [Blocking Peptides](#)

RNF166 Blocking Peptide (Center) - Images

RNF166 Blocking Peptide (Center) - References

Ota T., et al. Nat. Genet. 36:40-45(2004).

Mural R.J., et al. Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.