

C9orf156 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP6938b**Specification**

C9orf156 Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [Q9BU70](#)**C9orf156 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 51531**Other Names**

Nef-associated protein 1, 312-, Thioesterase NAP1, C9orf156, NAP1

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP6938b](/products/AP6938b) was selected from the C-term region of human C9orf156. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

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.

C9orf156 Antibody (C-term) Blocking Peptide - Protein Information**Name** TRMO {ECO:0000303|PubMed:25063302, ECO:0000312|HGNC:HGNC:30967}**Function**

S-adenosyl-L-methionine-dependent methyltransferase responsible for the addition of the methyl group in the formation of N6-methyl-N6-threonylcarbamoyladenosine at position 37 (m(6)t(6)A37) of the tRNA anticodon loop of tRNA(Ser)(GCU) (PubMed: <http://www.uniprot.org/citations/25063302>). The methyl group of m(6)t(6)A37 may improve the efficiency of the tRNA decoding ability (By similarity).

C9orf156 Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

C9orf156 Antibody (C-term) Blocking Peptide - Images

C9orf156 Antibody (C-term) Blocking Peptide - Background

C9orf156 hydrolyzes acyl-CoA thioesters (in vitro). It has a preference for substrates with medium chain length (C10-C14). Inactive towards substrates with C18 or C20 aliphatic chains. Its physiological function is not known.

C9orf156 Antibody (C-term) Blocking Peptide - References

Moreno,L.M., et.al., Hum. Mol. Genet. 18 (24), 4879-4896 (2009)