

**C1orf58 Antibody (N-term) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP5619a****Specification**

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**C1orf58 Antibody (N-term) Blocking peptide - Product Information**

Primary Accession [O5VW32](#)  
Other Accession [NP\\_653296.2](#)

**C1orf58 Antibody (N-term) Blocking peptide - Additional Information**

**Gene ID** 148362

**Other Names**

BRO1 domain-containing protein BROX, BRO1 domain- and CAAX motif-containing protein, BROX, BROFTI, C1orf58

**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.

**C1orf58 Antibody (N-term) Blocking peptide - Protein Information**

**Name** BROX ([HGNC:26512](#))

**Synonyms** BROFTI, C1orf58

**Function**

Nuclear envelope-associated factor that is involved in the nuclear envelope ruptures during interphase (NERDI) repair, where it is locally recruited by CHMP5 and reduces cytoskeletal stress through its action on SYN2 to help reseal the ruptured membrane.

**Cellular Location**

Nucleus membrane; Lipid-anchor. Note=During nuclear envelope repair, localizes at rupture sites where it is recruited by the CHMP7/ESCRT-III axis.

**C1orf58 Antibody (N-term) Blocking peptide - Protocols**

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

- [Blocking Peptides](#)

**C1orf58 Antibody (N-term) Blocking peptide - Images****C1orf58 Antibody (N-term) Blocking peptide - References**

Ichioaka, F., et al. FEBS J. 275(4):682-692(2008) Maurer-Stroh, S., et al. PLoS Comput. Biol. 3 (4), E66 (2007) :Venter, J.C., et al. Science 291(5507):1304-1351(2001)