

**C3orf18 Antibody (Center) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP16500c****Specification**

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**C3orf18 Antibody (Center) Blocking Peptide - Product Information**Primary Accession [Q9UK00](#)**C3orf18 Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 51161**Other Names**

Uncharacterized protein C3orf18, Protein G20, C3orf18

**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.

**C3orf18 Antibody (Center) Blocking Peptide - Protein Information****Name** C3orf18**Cellular Location**

Membrane; Single-pass membrane protein

**C3orf18 Antibody (Center) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

**C3orf18 Antibody (Center) Blocking Peptide - Images****C3orf18 Antibody (Center) Blocking Peptide - Background**

C3orf18 (chromosome 3 open reading frame 18), also known as G20, is a 162 amino acid single pass membrane protein that is encoded by a gene mapping to human chromosome 3q25.3. Chromosome 3 is made up of approximately 214 million bases encoding over 1,100 genes. Notably, there is a chemokine receptor gene cluster and a variety of human cancer related loci on chromosome 3. Particular regions of the chromosome 3 short arm are deleted in many types of

cancer cells. Key tumor suppressing genes on chromosome 3 encode apoptosis mediator RASSF1, cell migration regulator HYAL1 and angiogenesis suppressor SEMA3B. Marfan Syndrome, porphyria, von Hippel-Lindau syndrome, osteogenesis imperfecta and Charcot-Marie-Tooth disease are a few of the numerous genetic diseases associated with chromosome 3.

### **C3orf18 Antibody (Center) Blocking Peptide - References**

Pelak, K., et al. J. Infect. Dis. 201(8):1141-1149(2010) Lamesch, P., et al. Genomics 89(3):307-315(2007)