10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

# C11orf21 Antibody (N-term) Blocking peptide

**Synthetic peptide**
**Catalog # BP11796a**

## Specification

### C11orf21 Antibody (N-term) Blocking peptide - Product Information

Primary Accession Q9P2W6

### C11orf21 Antibody (N-term) Blocking peptide - Additional Information

**Gene ID** 29125

**Other Names**
Uncharacterized protein C11orf21, C11orf21

**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.

### C11orf21 Antibody (N-term) Blocking peptide - Protein Information

**Name** C11orf21

**Cellular Location**
Cytoplasm.

**Tissue Location**
Expressed exclusively in heart.

### C11orf21 Antibody (N-term) Blocking peptide - Protocols

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

- Blocking Peptides

### C11orf21 Antibody (N-term) Blocking peptide - Images

### C11orf21 Antibody (N-term) Blocking peptide - Background

The product of this gene belongs to the family ofclassical tyrosine-specific protein tyrosine phosphatases. Manyprotein tyrosine phosphatases have been shown to regulatefundamental

cellular processes and several are mutated in humandiseases. Chromosome 10q contains a segmental duplication resultingin multiple copies of the protein tyrosine phosphatase,non-receptor type 20 gene. The two nearly identical copies aredesignated as PTPN20A and PTPN20B. A third copy is only partiallyduplicated and contains a pseudogene, designated as PTPN20C. Thisgene encodes the more telomeric copy, PTPN20B. Multiplealternatively spliced transcript variants encoding differentisoforms have been identified.

**C11orf21 Antibody (N-term) Blocking peptide - References**

Matsuoka, S., et al. Science 316(5828):1160-1166(2007)Fodero-Tavoletti, M.T., et al. Biochem. J. 389 (PT 2), 343-354 (2005) :