

# RNF182 Antibody(N-term) Blocking peptide

Synthetic peptide Catalog # BP19609a

### **Specification**

## RNF182 Antibody(N-term) Blocking peptide - Product Information

**Primary Accession** 

**Q8N6D2** 

### RNF182 Antibody(N-term) Blocking peptide - Additional Information

**Gene ID 221687** 

#### **Other Names**

E3 ubiquitin-protein ligase RNF182, 632-, RING finger protein 182, RNF182

#### **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.

### RNF182 Antibody(N-term) Blocking peptide - Protein Information

### Name RNF182

### **Function**

E3 ubiquitin-protein ligase that mediates the ubiquitination of ATP6V0C and targets it to degradation via the ubiquitin-proteasome pathway (PubMed:<a href="http://www.uniprot.org/citations/18298843" target="\_blank">18298843</a>). Also plays a role in the inhibition of TLR- triggered innate immune response by mediating 'Lys'-48-linked ubiquitination and subsequent degradation of NF-kappa-B component RELA (PubMed:<a href="http://www.uniprot.org/citations/31432514" target=" blank">31432514</a>).

#### **Cellular Location**

Membrane; Multi-pass membrane protein. Cytoplasm

#### **Tissue Location**

Up-regulated in neuronal cells subjected to cell death-inducing injuries, such as oxygen and glucose deprivation (at protein level). Could be up-regulated in Alzheimer disease brains (PubMed:18298843). Highly expressed in innate immune organs such as lymph nodes and spleen and in immune cells such as macrophages and dendritic cells (PubMed:31432514).



# RNF182 Antibody(N-term) Blocking peptide - Protocols

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

### • Blocking Peptides

RNF182 Antibody(N-term) Blocking peptide - Images

RNF182 Antibody(N-term) Blocking peptide - Background

E3 ubiquitin-protein ligase that mediates the ubiquitination of ATP6V0C and targets it to degradation via the ubiquitin-proteasome pathway.

RNF182 Antibody(N-term) Blocking peptide - References

Liu, Q.Y., et al. Mol Neurodegener 3, 4 (2008):