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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:18298843). 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:31432514).

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).

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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) :