

RNF182 Antibody(N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP19609a**Specification**

RNF182 Antibody(N-term) - Product Information

Application	WB,E
Primary Accession	Q8N6D2
Other Accession	NP_689950.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	27402
Antigen Region	1-30

RNF182 Antibody(N-term) - Additional Information**Gene ID** 221687**Other Names**

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

Target/Specificity

This RNF182 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human RNF182.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

RNF182 Antibody(N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

RNF182 Antibody(N-term) - 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

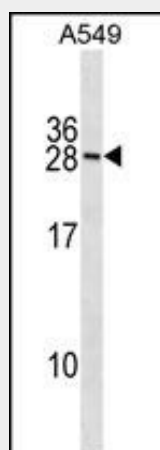
Up-regulated in neuronal cells subjected to cell death-inducing injuries, such as oxygen and glucose deprivation (at protein level). Could be up-regulated in Alzheimer disease brains (PubMed:18298843). Highly expressed in innate immune organs such as lymph nodes and spleen and in immune cells such as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

RNF182 Antibody(N-term) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

RNF182 Antibody(N-term) - Images



RNF182 Antibody (N-term) (Cat. #AP19609a) western blot analysis in A549 cell line lysates (35ug/lane). This demonstrates the RNF182 antibody detected the RNF182 protein (arrow).

RNF182 Antibody(N-term) - 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) - References

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