

AOPEP Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP17505a**Specification**

AOPEP Antibody (N-term) - Product Information

Application	WB,E
Primary Accession	Q8N6M6
Other Accession	NP_001180259.1 , NP_001180258.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	93572
Antigen Region	215-242

AOPEP Antibody (N-term) - Additional Information**Gene ID** 84909**Other Names**

Aminopeptidase O, AP-O, 3411-, AOPEP, C9orf3, ONPEP

Target/Specificity

This AOPEP antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 215-242 amino acids from the N-terminal region of human AOPEP.

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

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

AOPEP Antibody (N-term) - Protein Information**Name** AOPEP ([HGNC:1361](#))**Synonyms** C9orf3, ONPEP

Function Aminopeptidase which catalyzes the hydrolysis of amino acid residues from the N-terminus of peptide or protein substrates.

Cellular Location

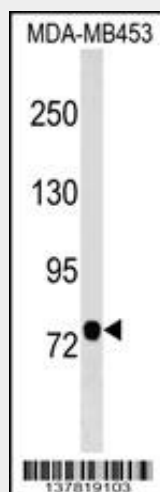
Nucleus, nucleolus {ECO:0000250|UniProtKB:Q8BXQ6}

AOPEP 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](#)

AOPEP Antibody (N-term) - Images



AOPEP Antibody (N-term) (Cat. #AP17505a) western blot analysis in MDA-MB453 cell line lysates (35ug/lane). This demonstrates the AOPEP antibody detected the AOPEP protein (arrow).

AOPEP Antibody (N-term) - Background

This gene encodes a member of the M1 zinc aminopeptidase family. The encoded protein is a zinc-dependent metallopeptidase that catalyzes the removal of an amino acid from the amino terminus of a protein or peptide. This protein may play a role in the generation of angiotensin IV. Alternate splicing results in multiple transcript variants.

AOPEP Antibody (N-term) - References

Diaz-Perales, A., et al. J. Biol. Chem. 280(14):14310-14317(2005)
Humphray, S.J., et al. Nature 429(6990):369-374(2004)