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

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

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.

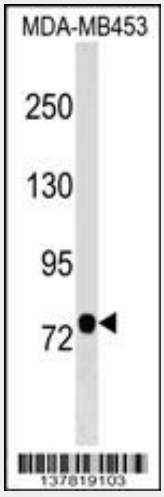
Cellular Location
Nucleus, nucleolus {ECO:0000250|UniProtKB:Q8BXQ6}

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 Cytomety
- 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)