

AFMID Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP9175a**Specification**

AFMID Antibody (N-term) Blocking Peptide - Product InformationPrimary Accession [Q63HM1](#)**AFMID Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 125061**Other Names**

Kynurenine formamidase {ECO:0000255|HAMAP-Rule:MF_03014}, KFA
{ECO:0000255|HAMAP-Rule:MF_03014}, KFAse {ECO:0000255|HAMAP-Rule:MF_03014}, 3519
{ECO:0000255|HAMAP-Rule:MF_03014}, Arylformamidase
{ECO:0000255|HAMAP-Rule:MF_03014}, N-formylkynurenine formamidase
{ECO:0000255|HAMAP-Rule:MF_03014}, FKF {ECO:0000255|HAMAP-Rule:MF_03014}, AFMID
{ECO:0000255|HAMAP-Rule:MF_03014}

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP9175a](/products/AP9175a) was selected from the N-term region of human AFMID. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

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.

AFMID Antibody (N-term) Blocking Peptide - Protein Information**Name** AFMID {ECO:0000255|HAMAP-Rule:MF_03014}**Function**

Catalyzes the hydrolysis of N-formyl-L-kynurenine to L- kynurenine, the second step in the kynurenine pathway of tryptophan degradation. Kynurenine may be further oxidized to nicotinic acid, NAD(H) and NADP(H). Required for elimination of toxic metabolites.

Cellular Location

Cytoplasm, cytosol {ECO:0000255|HAMAP- Rule:MF_03014}. Nucleus
{ECO:0000255|HAMAP-Rule:MF_03014} Note=Predominantly cytosolic. Some fraction is nuclear

{ECO:0000255|HAMAP-Rule:MF_03014}

AFMID Antibody (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

AFMID Antibody (N-term) Blocking Peptide - Images

AFMID Antibody (N-term) Blocking Peptide - References

Magni,G., et.al., Cell. Mol. Life Sci. 61 (1), 19-34 (2004)