

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

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**AFMID Antibody (N-term) Blocking Peptide - Product Information**Primary 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)