

AFMID Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP9175a**Specification**

AFMID Antibody (N-term) - Product Information

Application	WB, FC,E
Primary Accession	Q63HM1
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	33992
Antigen Region	57-83

AFMID Antibody (N-term) - 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

This AFMID antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 57-83 amino acids from the N-terminal region of human AFMID.

Dilution

WB~~1:1000
FC~~1:10~50

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

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

AFMID Antibody (N-term) - 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

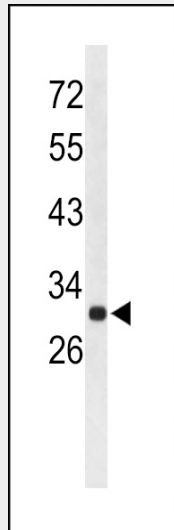
{ECO:0000255|HAMAP-Rule:MF_03014} Note=Predominantly cytosolic. Some fraction is nuclear {ECO:0000255|HAMAP-Rule:MF_03014}

AFMID Antibody (N-term) - Protocols

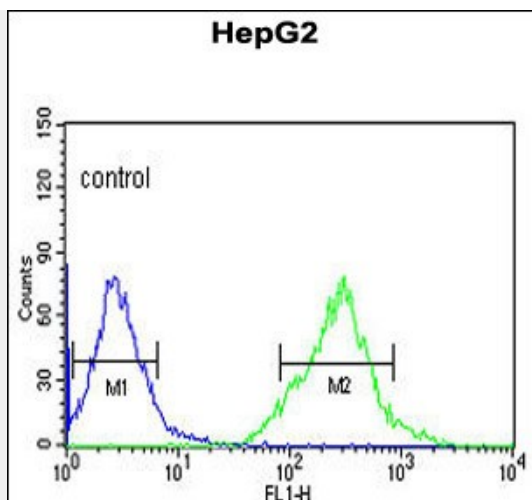
Provided below are standard protocols that you may find useful for product applications.

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

AFMID Antibody (N-term) - Images



Western blot analysis of AFMID Antibody (N-term) (Cat. #AP9175a) in mouse liver tissue lysates (35ug/lane). AFMID (arrow) was detected using the purified Pab.



AFMID Antibody (N-term) (Cat. #AP9175a) flow cytometric analysis of HepG2 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

AFMID Antibody (N-term) - References

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