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(DANRE) afmid Antibody (N-term)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # Azb18699a

Product Information

Application	WB, E
Primary Accession	Q566U4
Reactivity	Zebrafish
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB47034
Calculated MW	32412

Additional Information

Gene ID	550372
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
Target/Specificity	This (DANRE) afmid antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 3-36 amino acids of DANRE afmid.
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	(DANRE) afmid Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	afmid
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}

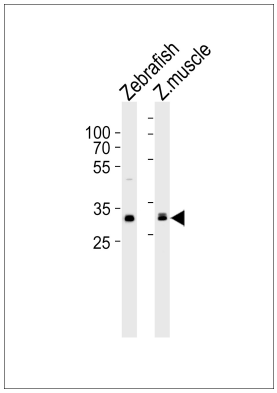
Background

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 (By similarity).

References

Howe K.,et al.Nature 496:498-503(2013).

Images



Western blot analysis of lysates from Zebrafish, zebra fish muscle tissue lysate (from left to right), using (DANRE) afmid Antibody (N-term)(Cat. #Azb18699a). Azb18699a was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysates at 35ug per lane.