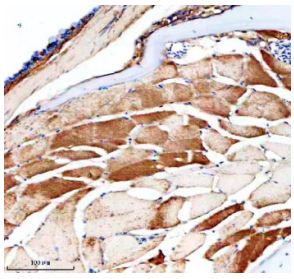
Zebrafish Nampt Antibody / Nampt1 / Nicotinamide phosphoribosyltransferase (RZ1149)

Catalog No.	Formulation	Size
RZ1149	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	2-3 weeks
Species Reactivity	Zebrafish
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity chromatography
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	E7F8T6
Localization	Cytoplasm, nucleus, secreted
Applications	Immunohistochemistry (FFPE) : 2-5 ug/ml
Limitations	This Zebrafish Nampt antibody is available for research use only.



Immunohistochemical analysis of Nampt1 protein using Zebrafish Nampt antibody and paraffin-embedded zebrafish skeletal muscle tissue. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.

Description

Nicotinamide phosphoribosyltransferase (NAmPRTase or Nampt), also known as pre-B-cell colony-enhancing factor 1 (PBEF1) or visfatin, is an enzyme that in humans is encoded by the PBEF1 gene. This gene encodes a protein that catalyzes the condensation of nicotinamide with 5-phosphoribosyl-1-pyrophosphate to yield nicotinamide mononucleotide, one step in the biosynthesis of nicotinamide adenine dinucleotide. The protein belongs to the nicotinic acid phosphoribosyltransferase (NAPRTase) family and is thought to be involved in many important biological processes, including metabolism, stress response and aging. This gene has a pseudogene on chromosome 10.

Application Notes

Optimal dilution of the Zebrafish Nampt antibody should be determined by the researcher.

Immunogen

An E.coli-derived zebrafish Nampt1 recombinant protein (amino acids G62-N338) was used as the immunogen for the Zebrafish Nampt antibody.

Storage

After reconstitution, the Zebrafish Nampt antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.