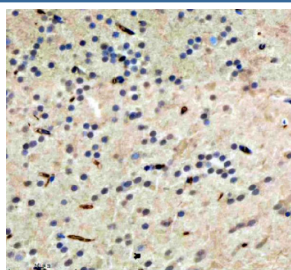


Zebrafish Hdac1 Antibody / Histone deacetylase 1 (RZ1027)

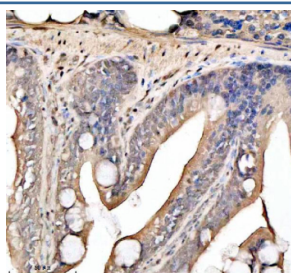
Catalog No.	Formulation	Size
RZ1027	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

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	A0A2R8QIW0
Applications	Immunohistochemistry (FFPE) : 2-5 ug/ml
Limitations	This Zebrafish Hdac1 antibody is available for research use only.



Immunohistochemical analysis of Hdac1 protein using Zebrafish Hdac1 antibody and paraffin-embedded zebrafish brain tissue. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



Immunohistochemical analysis of Hdac1 protein using Zebrafish Hdac1 antibody and paraffin-embedded zebrafish colon tissue. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.

Description

Histone deacetylase 1 is an enzyme that is encoded by the HDAC1 gene. Histone acetylation and deacetylation, catalyzed by multi-subunit complexes, play a key role in the regulation of eukaryotic gene expression. The protein encoded by this gene belongs to the histone deacetylase/acuc/apha family and is a component of the histone deacetylase complex. It also interacts with retinoblastoma tumor-suppressor protein and this complex is a key element in the control of cell proliferation and differentiation. Together with metastasis-associated protein-2, it deacetylates p53 and modulates its effect on cell growth and apoptosis. Furukawa et al.(1996) mapped RPD3L1 to 1p34.1 by fluorescence in situ hybridization.

Application Notes

Optimal dilution of the Zebrafish Hdac1 antibody should be determined by the researcher.

Immunogen

A synthetic peptide corresponding to a sequence in the middle region of zebrafish Hdac1 was used as the immunogen for the Zebrafish Hdac1 antibody.

Storage

After reconstitution, the Zebrafish Hdac1 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.