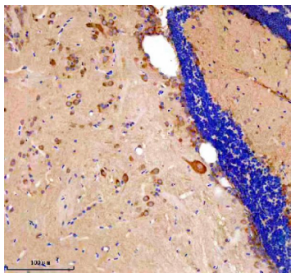
Zebrafish Etf1 Antibody / Etf1a / Etf1b / Eukaryotic peptide chain release factor subunit 1 (RZ1166)

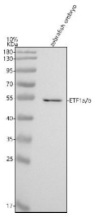
Catalog No.	Formulation	Size
RZ1166	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

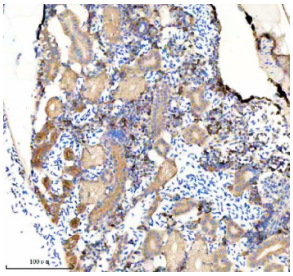
Availability	2-3 weeks
Species Reactivity	Zebrafish
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity chromatography
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	A8KB65
Localization	Cytoplasm
Applications	Western Blot : 0.5-1 ug/ml Immunohistochemistry (FFPE) : 2-5 ug/ml
Limitations	This Zebrafish Etf1 antibody is available for research use only.



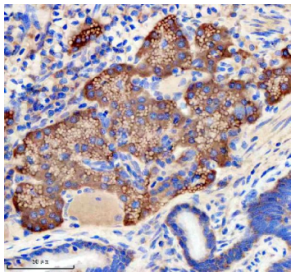
Immunohistochemical analysis of Etf1a/b protein using Zebrafish Etf1 antibody and paraffin-embedded zebrafish brain tissue. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



Western blot analysis of Etf1a/b protein using Zebrafish Etf1 antibody and zebrafish embryo tissue lysate. The predicted molecular weight of ETF1a/b is 49 kDa.



Immunohistochemical analysis of Etf1a/b protein using Zebrafish Etf1 antibody and paraffin-embedded zebrafish kidney tissue. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



Immunohistochemical analysis of Etf1a/b protein using Zebrafish Etf1 antibody and paraffin-embedded zebrafish pancreas tissue. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.

Description

Eukaryotic translation termination factor 1 (eRF1),also known asTB3-1,is a protein that in humans is encoded by the ETF1 gene. It is mapped to 5q31.2. This gene encodes a class-1 polypeptide chain release factor. The encoded protein plays an essential role in directing termination of mRNA translation from the termination codons UAA,UAG and UGA. This protein is a component of the SURF complex which promotes degradation of prematurely terminated mRNAs via the mechanism of nonsense-mediated mRNA decay (NMD). Alternate splicing results in multiple transcript variants. Pseudogenes of this gene are found on chromosomes 6,7,and X.

Application Notes

Optimal dilution of the Zebrafish Etf1 antibody should be determined by the researcher.

Immunogen

An E.coli-derived zebrafish Etf1a/b recombinant protein (amino acids D9-K344) was used as the immunogen for the Zebrafish Etf1 antibody.

Storage

After reconstitution, the Zebrafish Etf1 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.