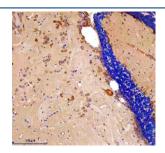


# Zebrafish Etf1 Antibody / Etf1a / Etf1b / Eukaryotic peptide chain release factor subunit 1 (RZ1166)

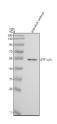
Catalog No.	Formulation	Size
RZ1166	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

### **Bulk quote request**

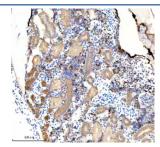
Availability	2-3 weeks
Species Reactivity	Zebrafish
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity chromatography
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	A8KB65
Localization	Cytoplasm
Applications	Western Blot : 0.5-1 ug/ml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



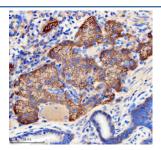
Immunohistochemical analysis of Etf1a/b protein using Zebrafish Etf1 antibody and paraffin-embedded zebrafish brain tissue. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



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.