

## (DANRE) zte25 Antibody (N-term)

Purified Rabbit Polyclonal Antibody (Pab) Catalog # Azb18715a

## **Specification**

## (DANRE) zte25 Antibody (N-term) - Product Information

Application WB,E
Primary Accession A6H8T7
Reactivity Zebrafish
Host Rabbit
Clonality Polyclonal
Isotype Rabbit IgG
Antigen Region 92-126

## (DANRE) zte25 Antibody (N-term) - Additional Information

#### **Other Names**

Cytosolic carboxypeptidase 2, 3417-, ATP/GTP-binding protein-like 2, Testis-expressed protein 25, zte25, agbl2, ccp2

## Target/Specificity

This (DANRE) zte25 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 92-126 amino acids of DANRE zte25.

### **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) zte25 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

## (DANRE) zte25 Antibody (N-term) - Protein Information

#### Name zte25

Synonyms agbl2, ccp2

**Function** Metallocarboxypeptidase that mediates deglutamylation of target proteins. Catalyzes the deglutamylation of polyglutamate side chains generated by post-translational



polyglutamylation in proteins such as tubulins. Also removes gene-encoded polyglutamates from the carboxy-terminus of target proteins such as MYLK. Does not show detyrosinase or deglycylase activities from the carboxy-terminus of tubulin.

### **Cellular Location**

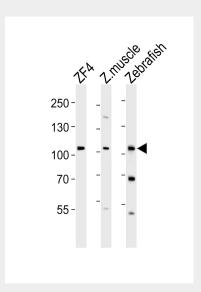
Cytoplasm, cytosol {ECO:0000250|UniProtKB:Q8CDK2}. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome, centriole {ECO:0000250|UniProtKB:Q5U5Z8}. Cytoplasm, cytoskeleton, cilium basal body {ECO:0000250|UniProtKB:Q5U5Z8}. Note=Colocalizes with gamma- tubulin in the centrioles and with glutamylated tubulin in the basal bodies of ciliated cells. {ECO:0000250|UniProtKB:Q5U5Z8}

## (DANRE) zte25 Antibody (N-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

## (DANRE) zte25 Antibody (N-term) - Images



Western blot analysis of lysates from ZF4 cell line, zebra fish muscle, Zebrafish tissue lysate(from left to right), using (DANRE) zte25 Antibody (N-term)(Cat. #Azb18715a). Azb18715a was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysates at 35ug per lane.

# (DANRE) zte25 Antibody (N-term) - Background

Metallocarboxypeptidase involved in the detyrosination of alpha-tubulin C-terminus (By similarity).