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(DANRE) zte25 Antibody (N-term)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # Azb18715a

Product Information

Application	WB, E
Primary Accession	A6H8T7
Reactivity	Zebrafish
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB47039
Calculated MW	82236

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.

Protein Information

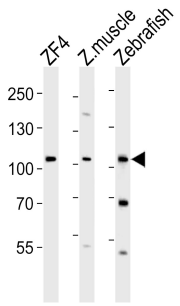
Name	zte25
Synonyms	agbl2, ccp2
Function	Metallocarboxypeptidase that mediates deglutamylation of target proteins. Catalyzes the deglutamylation of polyglutamate side chains generated by post-translational polyglutamylation in proteins such as tubulins. Also removes gene-encoded polyglutamates from the 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}

Background

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

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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.