

Zebrafish PDHA1 Antibody (Center)

Catalog_no :	AB0656
Applications :	WB, IHC-P, FC
Reactivity :	Zf
Category :	抗原抗体
Size :	100μL/50μL
Immunogen :	DANRE
Specificity :	This Zebrafish PDHA1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 233~263 amino acids from the Central region of Zebrafish PDHA1.
Dilution :	WB,1:1000;
Purification :	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.
Other_name :	PDHE1-A type I; Pyruvate dehydrogenase E1 component subunit alpha, somatic form, mitochondrial; PHE1A, PDHA1;pdha1a;pdha1b
Isotype :	Rabbit Ig
Background :	The pyruvate dehydrogenase (PDH) complex is a nuclear-encoded mitochondrial multienzyme complex that catalyzes the overall conversion of pyruvate to acetyl-CoA and CO ₂ , and provides the primary link between glycolysis and the tricarboxylic acid (TCA) cycle. The PDH complex is composed of multiple copies of three enzymatic components: pyruvate dehydrogenase (E1), dihydrolipoamide acetyltransferase (E2) and lipoamide dehydrogenase (E3). The E1 enzyme is a heterotetramer of two alpha and two beta subunits. This gene encodes the E1 alpha 1 subunit containing the E1 active site, and plays a key role in the function of the PDH complex. Mutations in this gene are associated with pyruvate dehydrogenase E1-alpha deficiency and X-linked Leigh syndrome.
reference :	Glushakova, L.G., et al. Mol. Genet. Metab. 98(3):289-299(2009) Joao Silva, M., et al. Eur. J. Pediatr. 168(1):17-22(2009) Boichard, A., et al. Mol. Genet. Metab. 93(3):323-330(2008)