

Zebrafish pou5f1 Antibody (Center)

Catalog_no :	AB3392
Reactivity :	Zf
Category :	抗原抗体
Size :	100μL/50μL
Immunogen :	HUMAN
Specificity :	This Zebrafish pou5f1 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 141-177 amino acids from the Central region of Zebrafish pou5f1.
Dilution :	WB,1:2000;
Other_name :	POU domain, class 5, transcription factor 1, POU domain protein 2, pou5f1, gp-9, pou-2, pou2
Isotype :	Rabbit Ig
Background :	Involved in early development of embryos, especially in the process of gastrulation. May play an important role in establishing and specifying rhombomeric segments. Seems to be required to maintain the cells in a highly undifferentiated state. In contrast to POU2, T-POU2 lacks DNA-binding activity because of its incomplete pou domain structure. Overexpression of POU2 does not have any effect on development, whereas overexpression of t- POU2 causes developmental retardation or arrest before gastrulation.
reference :	Takeda H.,et al.Genes Dev. 8:45-59(1994). Hauptmann G.,et al.Mech. Dev. 51:127-138(1995).