

(Mouse) Hopx Antibody (Center)

Catalog_no :	AB3314
Reactivity :	H, M, Rat
Category :	抗原抗体
Size :	100 μ L/50 μ L
Immunogen :	HUMAN
Specificity :	This Mouse Hopx antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 22-54 amino acids from the Central region of Mouse Hopx.
Dilution :	WB,1:1000;
Other_name :	Homeodomain-only protein, Homeobox-only protein, Odd homeobox protein 1, mOB1, Hopx, Hod, Hop, Ob1
Isotype :	Rabbit Ig
Background :	Atypical homeodomain protein which does not bind DNA and is required to modulate cardiac growth and development. Acts via its interaction with SRF, thereby modulating the expression of SRF-dependent cardiac-specific genes and cardiac development. Prevents SRF-dependent transcription either by inhibiting SRF binding to DNA or by recruiting histone deacetylase (HDAC) proteins that prevent transcription by SRF. Overexpression causes cardiac hypertrophy.
reference :	Chen F.,et al.Cell 110:713-723(2002). Shin C.H.,et al.Cell 110:725-735(2002). Adu J.,et al.Mech. Dev. 119:S43-S47(2002). Carninci P.,et al.Science 309:1559-1563(2005). Kook H.,et al.J. Clin. Invest. 112:863-871(2003).