

(Mouse) Shh Antibody (C-term)

Catalog_no :	AB3168
Reactivity :	M
Category :	抗原抗体
Size :	100 μ L/50 μ L
Immunogen :	HUMAN
Specificity :	This Mouse Shh antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 397-431 amino acids from the C-terminal region of mouse Shh.
Dilution :	FC,1:25;WB,1:1000;
Other_name :	Sonic hedgehog protein, SHH, HHG-1, Sonic hedgehog protein N-product, Sonic hedgehog protein 19 kDa product, Sonic hedgehog protein C-product, Sonic hedgehog protein 27 kDa product, Shh, Hhg1
Isotype :	Rabbit Ig
Background :	Binds to the patched (PTC) receptor, which functions in association with smoothed (SMO), to activate the transcription of target genes. In the absence of SHH, PTC represses the constitutive signaling activity of SMO. Also regulates another target, the gli oncogene. Intercellular signal essential for a variety of patterning events during development: signal produced by the notochord that induces ventral cell fate in the neural tube and somites, and the polarizing signal for patterning of the anterior-posterior axis of the developing limb bud. Displays both floor plate- and motor neuron-inducing activity. The threshold concentration of N-product required for motor neuron induction is 5-fold lower than that required for floor plate induction (By similarity).
reference :	Echelard Y.,et al.Cell 75:1417-1430(1993). McMahon A.P.,et al.Submitted (NOV-1997) to the EMBL/GenBank/DDBJ databases. Chang D.T.,et al.Development 120:3339-3353(1994). Carninci P.,et al.Science 309:1559-1563(2005). Roelink H.,et al.Cell 81:445-455(1992)