

## Mouse Epas1 Antibody (C-term)

Catalog_no :	AB3377
Reactivity :	M
Category :	抗原抗体
Size :	100μL/50μL
Immunogen :	HUMAN
Specificity :	This Mouse Epas1 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 713-747 amino acids from the C-terminal region of Mouse Epas1.
Dilution :	WB,1:2000;
Other_name :	Endothelial PAS domain-containing protein 1, EPAS-1, HIF-1-alpha-like factor, HLF, mHLF, HIF-related factor, HRF, Hypoxia-inducible factor 2-alpha, HIF-2-alpha, HIF2-alpha, Epas1, Hif2a
Isotype :	Rabbit Ig
Background :	Transcription factor involved in the induction of oxygen regulated genes. Binds to core DNA sequence 5'-[AG]CGTG-3' within the hypoxia response element (HRE) of target gene promoters. Regulates the vascular endothelial growth factor (VEGF) expression and seems to be implicated in the development of blood vessels and the tubular system of lung. May also play a role in the formation of the endothelium that gives rise to the blood brain barrier. Potent activator of the Tie-2 tyrosine kinase expression. Activation requires recruitment of transcriptional coactivators such as CREBPB and probably EP300. Interaction with redox regulatory protein APEX seems to activate CTAD (By similarity).
reference :	Tian H.,et al.Genes Dev. 11:72-82(1997). Ema M.,et al.Proc. Natl. Acad. Sci. U.S.A. 94:4273-4278(1997). Flamme I.,et al.Mech. Dev. 63:51-60(1997). Lando D.,et al.Genes Dev. 16:1466-1471(2002). Gradin K.,et al.J. Biol. Chem. 277:23508-23514(2002).