

## HAMP Antibody (Center)

Catalog_no :	AB2693
Reactivity :	H
Category :	抗原抗体
Size :	100μL/50μL
Immunogen :	HUMAN:17-46
Specificity :	This HAMP antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 17-46 amino acids from the Central region of human HAMP.
Dilution :	WB,1:500;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 :	Hepcidin, Liver-expressed antimicrobial peptide 1, LEAP-1, Putative liver tumor regressor, PLTR, Hepcidin-25, Hepc25, Hepcidin-20, Hepc20, HAMP, HEPC, LEAP1
Isotype :	Rabbit Ig
Background :	HAMP is involved in the maintenance of iron homeostasis, and it is necessary for the regulation of iron storage in macrophages, and for intestinal iron absorption. The preproprotein is post-translationally cleaved into mature peptides of 20, 22 and 25 amino acids, and these active peptides are rich in cysteines, which form intramolecular bonds that stabilize their beta-sheet structures. These peptides exhibit antimicrobial activity.
reference :	Matsumoto, M., et al. Circ. J. 74(2):301-306(2010) del Giudice, E.M., et al. J. Clin. Endocrinol. Metab. 94(12):5102-5107(2009) Kwapisz, J., et al. J Zhejiang Univ Sci B 10(11):791-795(2009) Barton, J.C., et al. Am. J. Hematol. 84(11):710-714(2009) N