

Goat anti-HAMP Antibody

Item Number	dAP-1700
Target Molecule	Principle Name: HAMP; Official Symbol: HAMP; All Names and Symbols: HAMP; hepcidin antimicrobial peptide; HEPC; HEPCIDIN; HFE2B; LEAP-1; LEAP1; PLTR; liver-expressed antimicrobial peptide; putative liver tumor regressor; Accession Number (s): NP_066998.1; Human Gene ID(s): 57817; Non-Human Gene-ID(s):
Immunogen	TSGSVFPQQTGQLAE, is from N Terminus (near)
Applications	Pep ELISA, IHC Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	Lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 16000.
Western Blot	Western Blot: Preliminary experiments gave an approx 28kDa band in Human Liver lysates after 0.1µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 9.41k
IHC	Immunohistochemistry: Paraffin embedded Human Heart. Recommended concentration: 3.75µg/ml.
Reference	Reference(s): Ward DG, Roberts K, Brookes MJ, Joy H, Martin A, Ismail T, Spychal R, Iqbal T, Tselepis C. Increased hepcidin expression in colorectal carcinogenesis. World J Gastroenterol. 2008 Mar 7;14(9):1339-45.. PMID: 18322945->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**