

Immunotag™ HAMP Antibody

Antibody Specification	
Catalog No.	ITA6572
Product Description	Immunotag™ HAMP Antibody
Size	100 µg, 200 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	HAMP
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC,ELISA
Recommended Dilution	WB 1:500-1:2000 IHC 1:50-1:200
Concentration	1 mg/ml
Reactive Species	Human,Mouse
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human HAMP
Specificity	HAMP Antibody detects endogenous levels of total HAMP
Purification	The antiserum was purified by peptide affinity chromatography.
Form	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt
Gene Name	HAMP
Accession No.	P81172
Alternate Names	Hamp; HEPC; HEPC_HUMAN; Hepc20; Hepc25; Hepcidin-20; HFE2B; LEAP-1; LEAP1; Liver-expressed antimicrobial peptide 1; PLTR; Putative liver tumor regressor;

Antibody Specification

Description	Liver-produced hormone that constitutes the main circulating regulator of iron absorption and distribution across tissues. Acts by promoting endocytosis and degradation of ferroportin, leading to the retention of iron in iron-exporting cells and decreased flow of iron into plasma. Controls the major flows of iron into plasma: absorption of dietary iron in the intestine, recycling of iron by macrophages, which phagocytose old erythrocytes and other cells, and mobilization of stored iron from hepatocytes (PubMed:22306005).
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	9kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.