

Anti-Hepcidin / HAMP Reference Antibody (LY2787106)
Recombinant Antibody
Catalog # APR10494**Specification**

Anti-Hepcidin / HAMP Reference Antibody (LY2787106) - Product Information

Application	FC, E, FTA
Primary Accession	P81172
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG4SP
Calculated MW	144.2 KDa

Anti-Hepcidin / HAMP Reference Antibody (LY2787106) - Additional Information**Target/Specificity**
Hepcidin / HAMP**Endotoxin**
< 0.001EU/ µg,determined by LAL method.**Conjugation**
Unconjugated**Expression system**
CHO Cell**Format**
Purified monoclonal antibody supplied in PBS, pH6.0, without preservative.This antibody is purified through a protein A column.**Storage**
-80°C for 2 years under sterile conditions □ -20°C for 1 year under sterile conditions □ Avoid repeated freeze-thaw cycles.**Anti-Hepcidin / HAMP Reference Antibody (LY2787106) - Protein Information****Name** HAMP ([HGNC:15598](#))**Synonyms** HEPC, LEAP1**Function**
Liver-produced hormone that constitutes the main circulating regulator of iron absorption and distribution across tissues. Acts by promoting endocytosis and degradation of ferroportin/SLC40A1, leading to the retention of iron in iron-exporting cells and decreased flow of iron into plasma (PubMed:22682227, PubMed:29237594, PubMed:32814342).

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).

Cellular Location

Secreted.

Tissue Location

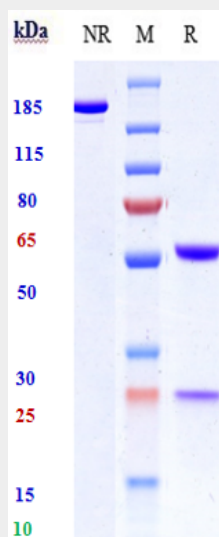
Highest expression in liver and to a lesser extent in heart and brain. Low levels in lung, tonsils, salivary gland, trachea, prostate gland, adrenal gland and thyroid gland. Secreted into the urine and blood (PubMed:11034317). Expressed by hepatocytes (PubMed:15124018).

Anti-Hepcidin / HAMP Reference Antibody (LY2787106) - Protocols

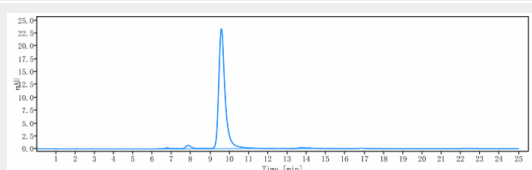
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-Hepcidin / HAMP Reference Antibody (LY2787106) - Images



Anti-Hepcidin / HAMP Reference Antibody (LY2787106) on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 95%



The purity of Anti-Hepcidin / HAMP Reference Antibody (LY2787106) is more than 95% ,determined by SEC-HPLC.