

Product datasheet

Anti-Ferritin antibody ab76768

1 References

概述

产品名称	Anti-Ferritin抗体
描述	兔多克隆抗体to Ferritin
宿主	Rabbit
经测试应用	适用于: IHC-P
种属反应性	与反应: Human
免疫原	Full length native protein (purified) corresponding to Human Ferritin. Purified human Ferritin Database link: P02794
阳性对照	Human spleen or liver tissue

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
存储溶液	Preservative: 0.05% Sodium Azide Constituents: 1% BSA, 150mM Sodium chloride, 10mM PBS, pH 7.4
纯度	Protein A purified
克隆	多克隆
同种型	IgG

应用

Our [Abpromise guarantee](#) covers the use of **ab76768** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Ab 评论	说明

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IHC-P 1/50 - 1/100.
Using polymer or streptavidin biotin system. Better staining is observed when antigen retrieval is used (boiling the tissue in 10 mM citrate, pH 6 for 10-15 minutes, followed by cooling for 10-15 minutes).

靶标

功能 Stores iron in a soluble, non-toxic, readily available form. Important for iron homeostasis. Has ferroxidase activity. Iron is taken up in the ferrous form and deposited as ferric hydroxides after oxidation. Also plays a role in delivery of iron to cells. Mediates iron uptake in capsule cells of the developing kidney.

序列相似性 Belongs to the ferritin family.
Contains 1 ferritin-like diiron domain.

形式 Subunit structure: Oligomer of 24 subunits. There are two types of subunits: L (light) chain and H (heavy) chain. The major chain can be light or heavy, depending on the species and tissue type. In the human liver, the heavy chain is predominant. The functional molecule forms a roughly spherical shell with a diameter of 12 nm and contains a central cavity into which the insoluble mineral iron core is deposited.

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