



Anti-SLC40A1 polyclonal antibody (CABT-B8721)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	KLH conjugated synthetic peptide derived from human SLC40A1/FPN1 (365-405aa)
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse, Rat, Dog, Pig, Rabbit
Purification	Affinity purified by Protein A
Conjugate	Unconjugated
Applications	WB, ELISA, IHC-P, IHC-Fr, ICC, IF
Format	Lyophilized or Liquid
Size	100 µl
Buffer	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of ant
Preservative	None
Storage	Store at -20°C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of anti

BACKGROUND

Introduction

SLC40A1 may be involved in iron export from duodenal epithelial cells and also in transfer of iron between maternal and fetal circulation. It mediates iron efflux in the presence of a ferroxidase (hephaestin and/or ceruloplasmin). Defects in SLC40A1 are the cause of hemochromatosis type 4, an autosomal dominant iron-loading disorder characterized by early iron accumulation in reticuloendothelial cells and a marked increase in serum ferritin.

GENE INFORMATION

Entrez Gene ID	30061
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UniProt ID	Q9NP59
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