



Rabbit Anti-Human SLC40A1 Polyclonal Antibody (CABT-L399R)

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

PRODUCT INFORMATION

Immunogen	A synthetic peptide corresponding to a sequence within amino acids 200-300 of human SLC40A1.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Purification	Affinity Purified
Conjugate	Unconjugated
Applications	WB Recommended dilution: WB: 1:500-1:2000
Molecular Weight	62 kDa
Format	Liquid
Concentration	Lot specific
Size	200 µl
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Preservative	0.02% Sodium Azide
Storage	Store at -20°C. Avoid freeze/thaw cycles.

BACKGROUND

Introduction

SLC40A1 (Solute Carrier Family 40 Member 1) is a Protein Coding gene. Diseases associated with SLC40A1 include hemochromatosis, type 4 and slc40a1-related hereditary hemochromatosis. Among its related pathways are Transport of glucose and other sugars, bile salts and organic acids, metal ions and amine compounds and Insulin receptor recycling. GO annotations related to this gene include iron ion transmembrane transporter activity. The protein encoded by this gene is a cell membrane protein that may be involved in iron export from duodenal epithelial cells. Defects in this gene are a cause of hemochromatosis type 4 (HFE4).

Keywords

SLC40A1;FPN1;HFE4;IREG1;MST079;MSTP079;MTP1;SLC11A3

GENE INFORMATION

Gene Name

SLC40A1

Entrez Gene ID

[30061](#)

UniProt ID

[Q9NP59](#)
