



Magic™ Rabbit Anti-Human SLC01B1 Monoclonal antibody, clone 341101H0 (DMAB- CPT458)

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

PRODUCT INFORMATION

Target	Human SLC01B1
Immunogen	Peptide
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Clone	341101H0
Purification	Protein A purification
Conjugate	Unconjugated
Applications	ELISA(Det) We recommend the following antibodies for sandwich immunoassay (Capture - Detection): DMAB-CPT457 - DMAB-CPT458 Sandwich ELISA: 0.156-10 ng/mL
Format	Liquid
Size	100 µg
Buffer	PBS only
Preservative	None

Storage Store at -80°C. The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

BACKGROUND

Introduction SLCO1B1 is a gene that provides instructions for making a protein (OATP1B1) in the liver, crucial for transporting substances like statin drugs (e.g., simvastatin) into liver cells; variations in this gene, particularly the c.521T>C variant, significantly affect how statins work, increasing the risk of muscle pain (myopathy) and damage (rhabdomyolysis), leading to dose adjustments based on genetics.

Keywords SLCO1B1; OATP1B1; OATP C; OATP 2; LST1; solute carrier organic anion transporter family, member 1B1

GENE INFORMATION

Entrez Gene ID [10599](#)

UniProt ID [Q9Y6L6](#)
