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Datasheet for ABIN7450740

anti-SLC46A1 antibody (AA 225-275)

Overview

Quantity:	100 µg
Target:	SLC46A1
Binding Specificity:	AA 225-275
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC46A1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP)

Product Details

Purpose:	Rabbit anti-SLC46A1 Antibody, Affinity Purified
Immunogen:	Between AA 225 and 275
Isotype:	IgG
Purification:	Affinity Purified

Target Details

Target:	SLC46A1
Alternative Name:	SLC46A1 (SLC46A1 Products)
Background:	Background: Solute carrier family 46 member 1 (SLC46A1) has been shown to act both as an intestinal proton-coupled high-affinity folate transporter and as an intestinal heme transporter

Target Details

which mediates heme uptake from the gut lumen into duodenal epithelial cells. The iron is then released from heme and may be transported into the bloodstream. Dietary heme iron is an important nutritional source of iron. SLC46A1 shows a higher affinity for folate than heme [taken from the Universal Protein Resource (UniProt) Q96NT5].

Gene ID: 113235

NCBI Accession: [NP_542400](#)

UniProt: [Q96NT5](#)

Pathways: [Transition Metal Ion Homeostasis](#), [Dicarboxylic Acid Transport](#)

Application Details

Application Notes: IP: 2 - 10 µg/mg lysate
WB: 1:2,000 - 1:10,000

Restrictions: For Research Use only

Handling

Concentration: 1000 µg/mL

Buffer: Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09 % Sodium Azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C

Expiry Date: 12 months