

Datasheet for ABIN768542

anti-SLC46A1 antibody (AA 233-247)



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1 Image

Overview

Quantity:	100 µg
Target:	SLC46A1
Binding Specificity:	AA 233-247
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This SLC46A1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	SLC46A1 / PCFT (aa233-247)
Immunogen:	Peptide with sequence C-LKEPKSTRIFTFRH, from the internal region of the protein sequence according to NP_542400.2.
Sequence:	LKEPKSTRLF TFRH
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

Target:	SLC46A1
Alternative Name:	SLC46A1 (SLC46A1 Products)
Background:	SLC46A1, solute carrier family 46 (folate transporter), member 1, FLJ39875, HCP1, MGC9564, PCFT, G21, PCFT/HCP1, heme carrier protein 1, proton-coupled folate transporter, solute carrier family 46 member 1
Molecular Weight:	49.8kDa according to NP_542400.2
Gene ID:	113235
NCBI Accession:	NP_542400
Pathways:	Transition Metal Ion Homeostasis , Dicarboxylic Acid Transport

Application Details

Application Notes:	Western Blot: Approx 50 kDa band observed in Human Kidney lysates (calculated MW of 49.8 kDa according to NP_542400.2). Recommended concentration: 0.3-1 µg/mL. Primary incubation 1 hour at room temperature. Peptide ELISA: antibody detection limit dilution 1:64000.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Western Blotting

Image 1. ABIN768542 (0.3µg/ml) staining of Human Liver lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.