

Datasheet for ABIN754768

anti-Solute Carrier Family 52 (Riboflavin Transporter), Member 3 (SLC52A3) (AA 391-469) antibody



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1 Image

Overview

Quantity:	100 µL
Target:	Solute Carrier Family 52 (Riboflavin Transporter), Member 3 (SLC52A3)
Binding Specificity:	AA 391-469
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	Un-conjugated
Application:	ELISA, Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human CT054/C20orf54
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Predicted Reactivity:	Human,Dog,Cow
Purification:	Purified by Protein A.

Target Details

Target:	Solute Carrier Family 52 (Riboflavin Transporter), Member 3 (SLC52A3)
Alternative Name:	CT054 (SLC52A3 Products)

Target Details

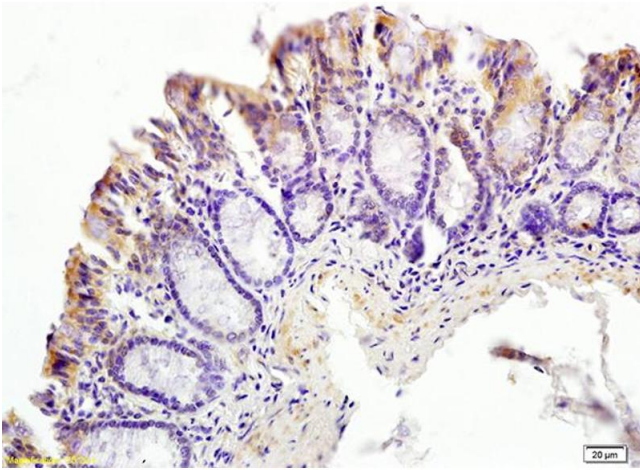
Background:	Synonyms: RFT2, BVVLS, RFVT3, hRFT2, BVVLS1, C20orf54, bA371L19.1, Solute carrier family 52, riboflavin transporter, member 3, Riboflavin transporter 2, SLC52A3 Background: Transporter for riboflavin, which must be obtained as a nutrient via intestinal absorption. Riboflavin transport is Na(+)-independent at low pH but significantly reduced by Na(+) depletion under neutral pH conditions. Activity is strongly inhibited by riboflavin analogs, such as lumiflavin, flavin mononucleotide (FMN), flavin adenine dinucleotide (FAD), by methylene blue, and to a lesser extent by amiloride.
Gene ID:	113278
UniProt:	Q9NQ40
Pathways:	Sensory Perception of Sound

Application Details

Application Notes:	WB 1:300-5000 ELISA 1:500-1000 FCM 1:20-100 IHC-P 1:200-400
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months



Immunohistochemistry

Image 1. Formalin-fixed and paraffin embedded mouse small intestine tissue labeled with Anti-CT054/C200RF54 Polyclonal Antibody, Unconjugated (ABIN754768) at 1:200 followed by conjugation to the secondary antibody and DAB staining