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Datasheet for ABIN5001331

anti-SLC11A2 antibody (AA 4-50) (Alexa Fluor 680)

Overview

Quantity:	100 µL
Target:	SLC11A2
Binding Specificity:	AA 4-50
Reactivity:	Peanut, Plant
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC11A2 antibody is conjugated to Alexa Fluor 680
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from Arachis hypogaea Dmt1
Isotype:	IgG
Cross-Reactivity:	Plant
Cross-Reactivity (Details):	Arachis hypogaea
Purification:	Purified by Protein A.

Target Details

Target:	SLC11A2
Alternative Name:	Dmt1 (SLC11A2 Products)

Target Details

Background: Synonyms: Divalent metal transporter 1.
Background: Important in metal transport, in particular iron. Can also transport manganese, cobalt, cadmium, nickel, vanadium and lead. Involved in apical iron uptake into duodenal enterocytes.

UniProt: [J9PI84](#)

Pathways: [Transition Metal Ion Homeostasis](#), [Proton Transport](#), [Positive Regulation of Endopeptidase Activity](#)

Application Details

Application Notes: IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % 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: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months