

[Go to Product page](#)

Datasheet for ABIN1699984

anti-SLC11A2 antibody (AA 4-50) (Biotin)

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 Biotin
Application:	ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

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.
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UniProt:	J9PI84
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Pathways:	Transition Metal Ion Homeostasis , Proton Transport , Positive Regulation of Endopeptidase Activity
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Application Details

Application Notes:	IHC-P 1:200-400 IHC-F 1:100-500
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
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Concentration:	1 µg/µL
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Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
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Preservative:	ProClin
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Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
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Storage:	-20 °C
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Storage Comment:	Store at -20°C for 12 months.
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Expiry Date:	12 months
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