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Datasheet for ABIN1396989
anti-SLC40A1 antibody (AbBy Fluor® 488)

Overview

Quantity:	100 µL
Target:	SLC40A1
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC40A1 antibody is conjugated to AbBy Fluor® 488
Application:	Western Blotting (WB)

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human SLC40A1/FPN1
Isotype:	IgG
Cross-Reactivity:	Chicken, Human, Mouse
Predicted Reactivity:	Rat,Dog,Pig,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	SLC40A1
Alternative Name:	Slc40a1 (SLC40A1 Products)
Background:	Synonyms: FPN1, HFE4, MTP1, IREG1, MST079, MSTP079, SLC11A3, Solute carrier family 40 member 1, Ferroportin-1, Iron-regulated transporter 1, SLC40A1

Target Details

Background: May be involved in iron export from duodenal epithelial cell and also in transfer of iron between maternal and fetal circulation. Mediates iron efflux in the presence of a ferroxidase (hephaestin and/or ceruloplasmin).

Gene ID: 30061

UniProt: [Q9NP59](#)

Pathways: [Transition Metal Ion Homeostasis](#)

Application Details

Application Notes: IF(IHC-P) 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: Sodium azide

Precaution of Use: This product contains Sodium azide: 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