

SLC40A1 Rabbit pAb

CatalogNo: YN8782

| Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB

MW

- 63kD (Calculated)

Isotype

- IgG

| Recommended Dilution Ratios

WB 1:500-2000

| Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

| Basic Information

Clonality Polyclonal

| Immunogen Information

Immunogen Synthesized peptide derived from human SLC40A1. AA range 1-100

Specificity This antibody detects endogenous levels of SLC40A1 at Human, Mouse, Rat

| Target Information

Gene name SLC40A1 FPN1 IREG1 SLC11A3 MSTP079

Protein Name	Solute carrier family 40 member 1 (Ferroportin-1) (Iron-regulated transporter 1)		
	Organism	Gene ID	UniProt ID
	Human	30061 ;	Q9NP59 ;
	Mouse	53945 ;	Q9JHI9 ;
	Rat	170840 ;	Q923U9 ;
Cellular Localization	Cell membrane ; Multi-pass membrane protein . Localized to the basolateral membrane of polarized epithelial cells.		
Tissue specificity	Detected in erythrocytes (at protein level). Expressed in placenta, intestine, muscle and spleen.		
Function	Major iron transporter that plays a key role in balancing cellular and systemic iron levels . Transports iron from intestinal, splenic, and hepatic cells into the blood to provide iron to other tissues (By similarity). Controls therefore dietary iron uptake, iron recycling by macrophages, and release of iron stores in hepatocytes (By similarity). When iron is in excess, hepcidin/HAMP levels increase resulting in a degradation of ferroportin/SLC40A1 limiting the iron efflux to plasma .		

| Validation Data

| Contact information

Orders: order@immunoway.com
 Support: tech@immunoway.com
 Telephone: 877-594-3616 (Toll Free), 408-747-0185
 Website: <http://www.immunoway.com>
 Address: 2200 Ringwood Ave San Jose, CA 95131 USA



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SLC40A1 Rabbit pAb

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