

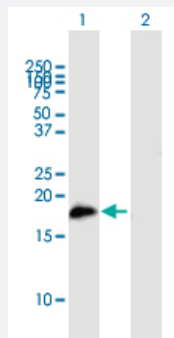
MaxPab®

# SLC11A1 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00006556-B01P

Size 50 ug

## Applications



### Western Blot (Transfected lysate)

Western Blot analysis of SLC11A1 expression in transfected 293T cell line ([H00006556-T01](#)) by SLC11A1 MaxPab polyclonal antibody.

Lane 1: SLC11A1 transfected lysate(19.58 KDa).

Lane 2: Non-transfected lysate.

## Specification

|                         |                                                                                                                                                                                 |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Description     | Mouse polyclonal antibody raised against a full-length human SLC11A1 protein.                                                                                                   |
| Immunogen               | SLC11A1 (AAH41787.1, 1 a.a. ~ 178 a.a) full-length human protein.                                                                                                               |
| Sequence                | MTGDKGPQRLSGSSYGSISSPTSPGPGQAPPRETYLRNIESDLQAGAVAGFKLLWLLWAT<br>VLGLLCQRLAARLGVTGKDLGEVCHLYPKVPRTVLWLTIELANGSDMQEVIGTAIAFNLLSAGR<br>YHPSVPQLFRPGREQLLLPLTSPSQSLFYPAVPSEAGLLPCFP |
| Host                    | Mouse                                                                                                                                                                           |
| Reactivity              | Human                                                                                                                                                                           |
| Quality Control Testing | Antibody reactive against mammalian transfected lysate.                                                                                                                         |
| Storage Buffer          | In 1x PBS, pH 7.4                                                                                                                                                               |
| Storage Instruction     | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.                                                                                                        |

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[Protocol Download](#)

## Gene Info — SLC11A1

Entrez GeneID [6556](#)

GeneBank Accession# [BC041787.1](#)

Protein Accession# [AAH41787.1](#)

Gene Name SLC11A1

Gene Alias LSH, NRAMP, NRAMP1

Gene Description solute carrier family 11 (proton-coupled divalent metal ion transporters), member 1

Omim ID [600266 607948](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** This gene is a member of the solute carrier family 11 (proton-coupled divalent metal ion transporters) family and encodes a multi-pass membrane protein. The protein functions as a divalent transition metal (iron and manganese) transporter involved in iron metabolism and host resistance to certain pathogens. Mutations in this gene have been associated with susceptibility to infectious diseases such as tuberculosis and leprosy, and inflammatory diseases such as rheumatoid arthritis and Crohn disease. Alternatively spliced variants that encode different protein isoforms have been described but the full-length nature of only one has been determined. [provided by RefSeq]

**Other Designations** natural resistance-associated macrophage protein 1|solute carrier family 11 (sodium/phosphate symporters), member 1

## Pathway

- [Lysosome](#)

## Disease

- [Abortion](#)
- [Alzheimer disease](#)
- [Anemia](#)
- [Arthritis](#)
- [Asthma](#)
- [Atherosclerosis](#)
- [Autoimmune Diseases](#)
- [Behcet Syndrome](#)
- [Brucellosis](#)
- [Campylobacter Infections](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Chagas Cardiomyopathy](#)
- [Chagas Disease](#)
- [Chlamydia Infections](#)
- [Chronic Disease](#)
- [Colitis](#)
- [Crohn Disease](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Disease Susceptibility](#)
- [Edema](#)
- [Epstein-Barr Virus Infections](#)

- [Esophageal Neoplasms](#)
- [Fatigue Syndrome](#)
- [Genetic Predisposition to Disease](#)
- [Hepatitis C](#)
- [HIV Infections](#)
- [Hyperparathyroidism](#)
- [Hypersensitivity](#)
- [Infection](#)
- [Inflammatory Bowel Diseases](#)
- [Leishmaniasis](#)
- [Leprosy](#)
- [Liver Cirrhosis](#)
- [Lung Diseases](#)
- [Lymphadenitis](#)
- [Lymphoproliferative Disorders](#)
- [Multiple Sclerosis](#)
- [Mycobacterium avium-intracellulare Infection](#)
- [Mycobacterium Infections](#)
- [Periodontitis](#)
- [Pulmonary Disease](#)
- [Q Fever](#)
- [Salmonella Infections](#)
- [Sarcoidosis](#)
- [Scleroderma](#)
- [Silicosis](#)
- [Skin Ulcer](#)

- [Tuberculosis](#)
- [Urinary Bladder Neoplasms](#)
- [Uterine Cervical Neoplasms](#)
- [Viremia](#)