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Datasheet for ABIN1403781  
**anti-SLC39A11 antibody (Alexa Fluor 350)**

## Overview

|              |   |
|--------------|---|
| Quantity:    | 100 µL  |
| Target:      | SLC39A11  |
| Reactivity:  | Human, Mouse, Rat   |
| Host:        | Rabbit  |
| Clonality:   | Polyclonal  |
| Conjugate:   | This SLC39A11 antibody is conjugated to Alexa Fluor 350                         |
| Application: | Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

## Product Details

|                   |  |
|-------------------|--|
| Immunogen:        | KLH conjugated synthetic peptide derived from human SLC39A11 |
| Isotype:          | IgG  |
| Cross-Reactivity: | Human, Mouse, Rat  |
| Purification:     | Purified by Protein A.                                       |

## Target Details

|                   |  |
|-------------------|--|
| Target:           | SLC39A11   |
| Alternative Name: | SLC39A11 ( <a href="#">SLC39A11 Products</a> )   |
| Background:       | <p>Synonyms: C17orf26, S39AB_HUMAN, SLC39A11, Solute carrier family 39 metal ion transporter member 11, Solute carrier family 39 member 11, Zinc transporter ZIP11, ZIP-11, ZIP11, Zrt and Irt like protein 11, Zrt- and Irt-like protein 11.</p> <p>Background: Zinc is an essential cofactor that is involved in cell growth and development, as</p> |

## Target Details

well as in protein, nucleic acid and lipid metabolism. The transport of zinc across the cell membrane is crucial for correct enzyme and overall cell function. SLC39A11 (solute carrier family 39 (metal ion transporter), member 11), also known as ZIP11 (Zrt- and Irt-like protein 11), is a 342 amino acid multi-pass membrane protein belonging to the ZIP transporter family. Expressed as multiple alternatively spliced isoforms, SLC39A11 acts as a zinc-influx transporter and is encoded by a gene located on human chromosome 17, which comprises over 2.5 % of the human genome and encodes over 1,200 genes, some of which are involved in tumor suppression and in the pathogenesis of Li-Fraumeni syndrome, early onset breast cancer and a predisposition to cancers of the ovary, colon, prostate gland and fallopian tubes.

Gene ID: 201266

## 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: 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