

Datasheet for ABIN6991458

anti-SLC39A10 antibody (AA 550-600)[Go to Product page](#)

Overview

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| Quantity: | 0.1 mg |
| Target: | SLC39A10 |
| Binding Specificity: | AA 550-600 |
| Reactivity: | Human, Mouse, Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This SLC39A10 antibody is un-conjugated |
| Application: | Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF) |

Product Details

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| Immunogen: | ZIP10 antibody was raised against an 18 amino acid synthetic peptide near the center of human ZIP10. The immunogen is located within amino acids 550 - 600 of ZIP10. |
| Isotype: | IgG |
| Purification: | ZIP10 Antibody is affinity chromatography purified via peptide column. |

Target Details

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|-------------------|--|
| Target: | SLC39A10 |
| Alternative Name: | ZIP10 (SLC39A10 Products) |
| Background: | ZIP10 Antibody: ZIP10, also known as Slc39A10, is a widely expressed zinc transporter with nine transmembrane domains. Zinc is an essential ion for cells and plays significant roles in the |

Target Details

growth, development, and differentiation. ZIP10 mRNA was found to be significantly decreased in the intestines and kidneys of hypothyroid rats and increased in those of hyperthyroid rats, indicating that ZIP10 is positively regulated by thyroid hormones. ZIP10 mRNA was also found to be upregulated in invasive and metastatic breast cancer and cell lines, suggesting that ZIP10 could serve as a possible marker for the metastatic phenotype and possibly a target for novel treatment strategies.

Gene ID: 363229

UniProt: [Q9ULF5](#)

Application Details

Application Notes: ZIP10 antibody can be used for detection of ZIP10 by Western blot at 1 - 2 µg/mL. Antibody can also be used for immunohistochemistry starting at 2.5 µg/mL. For immunofluorescence start at 20 µg/mL.

Antibody validated: Western Blot in human samples, Immunohistochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: ZIP10 Antibody is supplied in PBS containing 0.02 % sodium azide.

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, 4 °C

Storage Comment: ZIP10 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.