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Datasheet for ABIN6266107
anti-ZIP2 antibody (N-Term)

2 Images

Overview

Quantity:	100 µL
Target:	ZIP2 (Slc39a2)
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ZIP2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunocytochemistry (ICC)

Product Details

Immunogen:	A synthesized peptide derived from human ZIP2, corresponding to a region within N-terminal amino acids.
Isotype:	IgG
Specificity:	ZIP2 Antibody detects endogenous levels of total ZIP2.
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

Target Details

Target:	ZIP2 (Slc39a2)
Alternative Name:	SLC39A2 (Slc39a2 Products)

Target Details

Background: Description: Mediates zinc uptake. Zinc uptake may be mediated by a Zn²⁺-HCO₃⁻ symport mechanism and can function in the presence of albumin. May also transport other divalent cations. May be important in contact inhibition of normal epithelial cells and loss of its expression may play a role in tumorigenesis.

Gene: SLC39A2

Molecular Weight: 36kDa

Gene ID: 29986

UniProt: [Q9NP94](#)

Pathways: [Autophagy](#)

Application Details

Application Notes: WB 1:1000, IF/ICC 1:100-1:500, ELISA(peptide) 1:20000-1:40000

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.

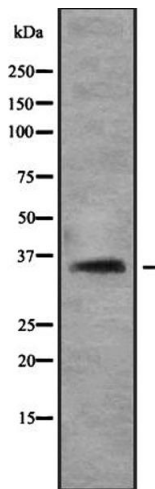
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

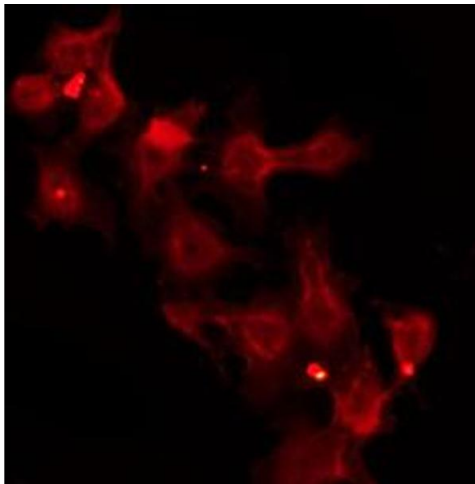
Storage Comment: Store at -20 °C. Stable for 12 months from date of receipt.

Expiry Date: 12 months



Western Blotting

Image 1. Western blot analysis of ZIP2 using Jurkat whole cell lysates



Immunofluorescence (fixed cells)

Image 2. ABIN6272466 staining HeLa by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37°C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.