

SLC39A3 / ZIP3 Antibody (Internal)
Rabbit Polyclonal Antibody
Catalog # ALS14008**Specification**

SLC39A3 / ZIP3 Antibody (Internal) - Product Information

Application	WB, IHC-P, E
Primary Accession	Q9BRY0
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	34kDa KDa
Dilution	WB~~1:1000 IHC-P~~N/A E~~N/A

SLC39A3 / ZIP3 Antibody (Internal) - Additional Information**Gene ID** 29985**Other Names**

Zinc transporter ZIP3, Solute carrier family 39 member 3, Zrt- and Irt-like protein 3, ZIP-3, SLC39A3, ZIP3

Target/Specificity

Human SLC39A3

Reconstitution & Storage

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles. Store undiluted.

Precautions

SLC39A3 / ZIP3 Antibody (Internal) is for research use only and not for use in diagnostic or therapeutic procedures.

SLC39A3 / ZIP3 Antibody (Internal) - Protein Information**Name** SLC39A3 ([HGNC:17128](#))**Synonyms** ZIP3**Function**

Transporter for the divalent cation Zn(2+). Mediates the influx of Zn(2+) into cells from extracellular space. Controls Zn(2+) accumulation into dentate gyrus granule cells in the hippocampus. Mediates Zn(2+) reuptake from the secreted milk within the alveolar lumen.

Cellular Location

Cell membrane {ECO:0000250|UniProtKB:Q99K24}; Multi-pass membrane protein. Apical cell membrane {ECO:0000250|UniProtKB:Q99K24}; Multi-pass membrane protein. Note=Localized

primarily at the cell surface but also found in a perinuclear compartment in HC11 cells. In mammary epithelial cell, localized primary to the apical membrane {ECO:0000250|UniProtKB:Q99K24}

SLC39A3 / ZIP3 Antibody (Internal) - Protocols

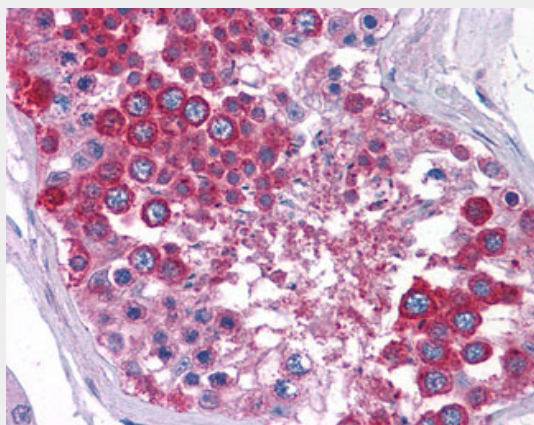
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

SLC39A3 / ZIP3 Antibody (Internal) - Images



Western blot analysis of ZIP3 in mouse lung tissue lysate with ZIP3 antibody at 1 ug/ml in (A)...



Anti-SLC39A3 antibody IHC of human testis.

SLC39A3 / ZIP3 Antibody (Internal) - Background

Acts as a zinc-influx transporter.

SLC39A3 / ZIP3 Antibody (Internal) - References

Ota T.,et al.Nat. Genet. 36:40-45(2004).
Daub H.,et al.Mol. Cell 31:438-448(2008).
Dephoure N.,et al.Proc. Natl. Acad. Sci. U.S.A. 105:10762-10767(2008).
Mayya V.,et al.Sci. Signal. 2:RA46-RA46(2009).
Olsen J.V.,et al.Sci. Signal. 3:RA3-RA3(2010).