ZIP13 Antibody

Catalog No: #25235

Description



Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

Product Name	ZIP13 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Affinity chromatography purified via peptide column
Applications	ELISA WB IHC
Species Reactivity	Hu
Specificity	At least two isoforms of ZIP13 are known to exist; this antibody will detect both isoforms. ZIP13 antibody is
	predicted to not cross-react with other ZIP family members.
Immunogen Type	Peptide
Immunogen Description	Raised against a 14 amino acid peptide near the amino terminus of human ZIP13.
Target Name	ZIP13
Other Names	Solute carrier family 39 member A13, Slc39A13, LZT-Hs9
Accession No.	Swiss-Prot:Q96H72Gene ID:91252
Uniprot	Q96H72
GeneID	91252;
Concentration	1mg/ml
Formulation	Supplied in PBS containing 0.02% sodium azide.
Storage	Can be stored at -20°C, stable for 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.

Images



Western blot analysis of ZIP13 in K562 cell lysate with ZIP13 antibody at 1 ug/mL.



Immunohistochemistry of ZIP13 in human spleen tissue with ZIP13 antibody at 2.5 ug/mL.

Background

The zinc transporter ZIP13, also known as SLC39A13, is a member of a family of divalent ion transporters. Zinc is an essential ion for cells and plays significant roles in the growth, development, and differentiation. The zinc transporter family is divided into four subfamilies (I, II, LIV-1 and gufA). ZIP13 is a multipass membrane protein that belongs to the ZIP transporter subfamily LIV-1. Mutations in ZIP13 have recently been shown to cause a spondylocheiro dysplastic form of Ehlers-Danlos syndrome (SCD-EDS), a generalized skeletal dysplasia involving mainly the spine with clinical abnormalities of the hands in addition to EDS-like features. Other experiments have shown that ZIP13 is required for proper connective tissue development and is involved in BMP/TGF- signaling pathways.

Note: This product is for in vitro research use only