Datasheet for ABIN783815

anti-SLC39A13 antibody (N-Term)

1 Image

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Overview

Quantity:	0.1 mg
Target:	SLC39A13
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC39A13 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	14 amino acid peptide near the amino terminus of human ZIP13
Specificity:	This antibody detects Zinc transporter ZIP13 / SLC39A13 at N-term.
Cross-Reactivity (Details):	Species reactivity (tested):Human
Purification:	Affinity chromatography purified via peptide column

Target Details

Target:	SLC39A13
Alternative Name:	Zinc Transporter ZIP13 / SLC39A13 (SLC39A13 Products)
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,

Target Details

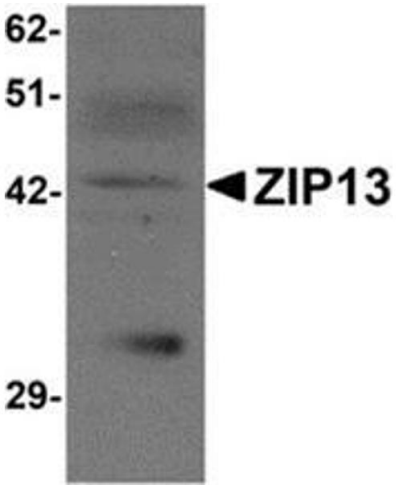
	development, and differentiation. The zinc transporter family is divided into four subfamilies (I, II, LIV-1 and gufA). ZIP13 is a multipass membrane protein that belongs to the ZIP transporter subfamily LIV-1. Mutations in ZIP13 have recently been shown to cause a spondylocheiro dysplastic form of Ehlers-Danlos 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.Synonyms: LIV-1 subfamily of ZIP zinc transporter 9, LZT-Hs9, Solute carrier family 39 member 13, ZIP-13, ZIP13, Zrt-and Irt-like protein 13
Gene ID:	91252
NCBI Accession:	NP_001121697
UniProt:	Q96H72
Pathways:	Transition Metal Ion Homeostasis

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Buffer:	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.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 2 - 8 °C for up to three months or (in aliquots) at -20 °C for longer.



Western Blotting

Image 1. Western blot analysis of ZIP13 in K562 cell lysate with ZIP13 antibody at 1 µg/ml.

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