

Product datasheet

Anti-ZIP-4 antibody ab230099

2 Images

Overview

Product name	Anti-ZIP-4 antibody
Description	Rabbit polyclonal to ZIP-4
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P
Species reactivity	Reacts with: Mouse, Human
Immunogen	Recombinant fragment corresponding to Human ZIP-4 aa 23-327. Database link: Q6P5W5
Positive control	WB: Mouse stomach lysate; HEK-293T whole cell lysate. IHC-P: Human kidney tissue.
General notes	Protein previously labeled as SLC39A4.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.30 Preservative: 0.02% Sodium azide Constituents: PBS, 50% Glycerol
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab230099** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

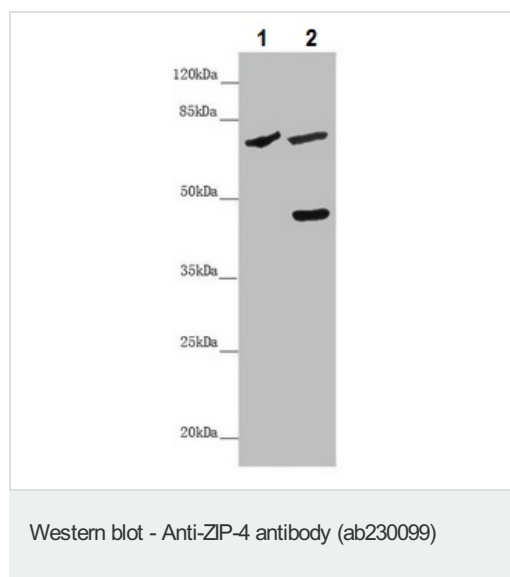
Application	Abreviews	Notes
WB		1/1000 - 1/5000. Predicted molecular weight: 68 kDa.

Application	Abreviews	Notes
IHC-P		1/20 - 1/200.

Target

Function	Plays an important role in cellular zinc homeostasis as a zinc transporter. Regulated in response to zinc availability.
Tissue specificity	Highly expressed in kidney, small intestine, stomach, colon, jejunum and duodenum.
Involvement in disease	Acrodermatitis enteropathica, zinc-deficiency type
Sequence similarities	Belongs to the ZIP transporter (TC 2.A.5) family.
Cellular localization	Cell membrane. Recycling endosome membrane. Colocalized with TFRC in the recycling endosomes. Cycles between endosomal compartments and the plasma membrane in response to zinc availability.

Images



All lanes : Anti-ZIP-4 antibody (ab230099) at 1/1000 dilution

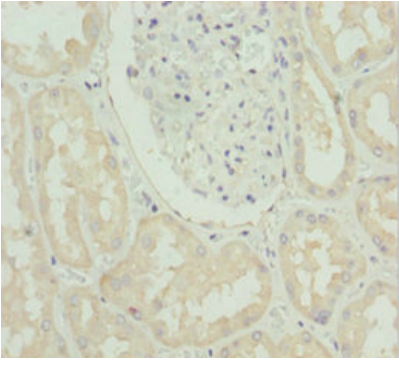
Lane 1 : Mouse stomach lysate

Lane 2 : HEK-293T (human epithelial cell line from embryonic kidney transformed with large T antigen) whole cell lysate

Secondary

All lanes : Goat polyclonal to rabbit IgG at 1/10000 dilution

Predicted band size: 68 kDa



Paraffin-embedded human kidney tissue stained for ZIP-4 using ab230099 at 1/100 dilution in immunohistochemical analysis.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-ZIP-4 antibody (ab230099)

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