

## Product Datasheet

### SLC39A14/ZIP14 Antibody (orb1538883)

<b>Catalog Number</b>	orb1538883
<b>Category</b>	Antibodies
<b>Description</b>	SLC39A14/ZIP14 Antibody
<b>Target</b>	SLC39A14 / ZIP14
<b>Clonality</b>	Polyclonal
<b>Species/Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Conjugation</b>	Unconjugated
<b>Reactivity</b>	Human, Mouse, Rat
<b>Concentration</b>	1 mg/ml
<b>Buffer/Preservatives</b>	PBS containing 0.02% Sodium Azide
<b>Purification</b>	Peptide Column Affinity Chromatography
<b>Immunogen</b>	A 16 AA synthetic peptide near the center of human ZIP14. The immunogen is located within aa 230-280 of ZIP14.
<b>Tested applications</b>	ELISA, IF, IHC, IHC-P, WB
<b>Dilution range</b>	ELISA, IF, IHC, IHC-P (5 µg/ml), WB (1 - 2 µg/ml)

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**Application notes**

Further information: ZIP14 antibody can be used for detection of ZIP14 by Western blot at 1 - 2 ug/mL. Antibody can also be used for immunohistochemistry starting at 2.5 ug/mL. For immunofluorescence start at 20 ug/mL. Antibody validated: Western Blot in human samples; Immunohistochemistry in mouse samples and Immunofluorescence in mouse samples. All other applications and species not yet tested. Western Blot: Predicted: 54 kDa Observed: 52 kDa

**Specificity**

At least three isoforms of ZIP14 are known to exist; this antibody will detect both isoforms. ZIP14 antibody is predicted to not cross-react with other ZIP family members.

**Storage**

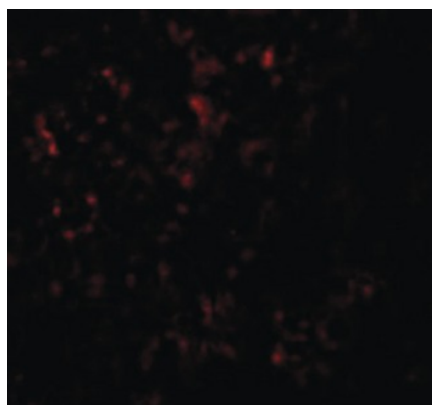
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Note**

For research use only

**Expiration Date**

12 months from date of receipt.



Immunofluorescence of ZIP14 in Mouse Liver cells with ZIP14 antibody at 20 ug/ml.

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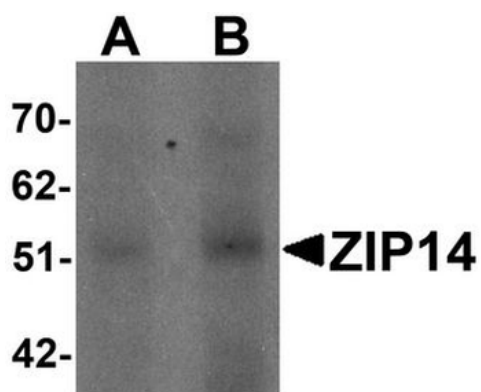
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Western blot analysis of ZIP14 in human spleen tissue lysate with ZIP14 antibody at (A) 1 and (B) 2 ug/ml.

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