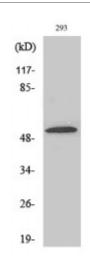
## St John's Laboratory

## Anti-ZIP7 antibody





**Description** Rabbit polyclonal to ZIP7.

Model STJ96315

**Host** Rabbit

**Reactivity** Human, Mouse, Rat

**Applications** ELISA, WB

Immunogen Synthesized peptide derived from human ZIP7

Immunogen Region 100-180 aa, Internal

**Gene ID** <u>7922</u>

Gene Symbol SLC39A7

**Dilution range** WB 1:500-1:2000ELISA 1:5000

**Specificity** ZIP7 Polyclonal Antibody detects endogenous levels of ZIP7 protein.

**Tissue Specificity** Widely expressed.

**Purification** The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

**Note** For Research Use Only (RUO).

Protein Name Zinc transporter SLC39A7 Histidine-rich membrane protein Ke4 Really

interesting new gene 5 protein Solute carrier family 39 member 7 Zrt-, Irt-like

protein 7 ZIP7

Molecular Weight 50 kDa

**Clonality** Polyclonal

**Conjugation** Unconjugated

**Isotype** IgG

**Formulation** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

**Concentration** 1 mg/ml

**Storage Instruction** Store at -20°C, and avoid repeat freeze-thaw cycles.

Database Links <u>HGNC:4927OMIM:601416</u>

**Alternative Names** Zinc transporter SLC39A7 Histidine-rich membrane protein Ke4 Really

interesting new gene 5 protein Solute carrier family 39 member 7 Zrt-, Irt-like

protein 7 ZIP7

**Function** Zinc transporter, that transports Zn(2+) from the endoplasmic reticulum/Golgi

apparatus to the cytosol. Transport is stimulated by growth factors, such as

EGF, and Ca(2+), as well as by exogenous Zn(2+).

**Cellular Localization** Endoplasmic reticulum membrane. Multi-pass membrane protein. Golgi

apparatus, cis-Golgi network membrane.

**Post-translational** Rapidly phosphorylated by CK2 following Zn(2+) treatment. This

**Modifications** phosphorylation is required for efficient cytosolic Zn(2+) release.

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