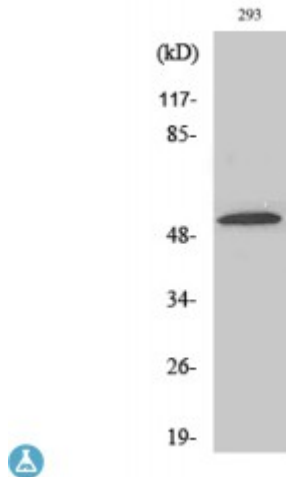


Anti-ZIP7 antibody



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	7922
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	HGNC:4927OMIM:601416
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 Modifications	Rapidly phosphorylated by CK2 following Zn(2+) treatment. This phosphorylation is required for efficient cytosolic Zn(2+) release.