

ZIP7 rabbit pAb**Cat#: orb766605 (Manual)**

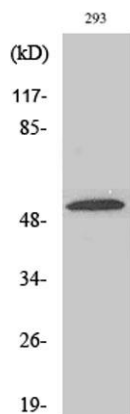
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Product Name	ZIP7 rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	Western Blot: 1/500 - 1/2000. ELISA: 1/5000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human SLC39A7. AA range:131-180
Specificity	ZIP7 Polyclonal Antibody detects endogenous levels of ZIP7 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Zinc transporter SLC39A7
Gene Name	SLC39A7
Cellular localization	Endoplasmic reticulum membrane ; Multi-pass membrane protein . Golgi apparatus, cis-Golgi network membrane ; Multi-pass membrane protein .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal

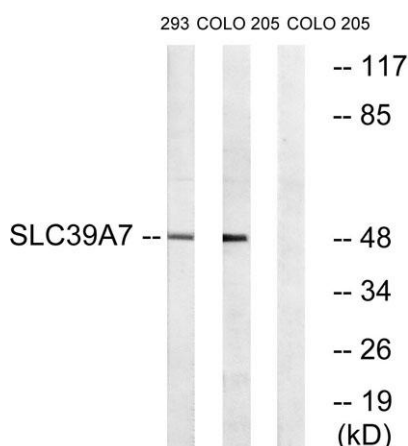
Concentration	1 mg/ml
Observed band	50kD
Human Gene ID	7922
Human Swiss-Prot Number	Q92504
Alternative Names	SLC39A7; HKE4; RING5; Zinc transporter SLC39A7; Histidine-rich membrane protein Ke4; Really interesting new gene 5 protein; Solute carrier family 39 member 7

Background

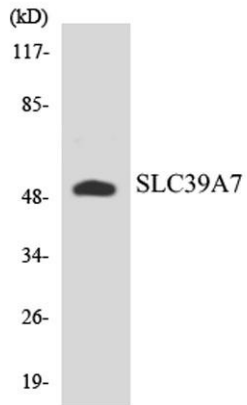
The protein encoded by this gene transports zinc from the Golgi and endoplasmic reticulum to the cytoplasm. This transport may be important for activation of tyrosine kinases, some of which could be involved in cancer progression. Therefore, modulation of the encoded protein could be useful as a therapeutic agent against cancer. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2014],



Western Blot analysis of various cells using ZIP7 Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



Western blot analysis of lysates from 293 and COLO cells, using SLC39A7 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from HUVEC cells using SLC39A7 antibody.