



ZIP7 Polyclonal Antibody

Catalog No	YP-Ab-04275
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB;ELISA
Gene Name	SLC39A7
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.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	Western Blot: 1/500 - 1/2000. ELISA: 1/5000. Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	SLC39A7;ZIP 7;D6S115E;D6S2244E;H2 KE4;ZIP7;Zinc transporter SLC39A7; HKE4;RING5;Histidine-rich membrane protein Ke4;Really interesting new gene 5 protein;Solute carrier family 39 member 7
Observed Band	50kD
Calculated Molecular Weight	50kD
Cell Pathway	Endoplasmic reticulum membrane ; Multi-pass membrane protein . Golgi apparatus, cis-Golgi network membrane ; Multi-pass membrane protein .
Tissue Specificity	Widely expressed.
Function	similarity:Belongs to the ZIP transporter (TC 2.A.5) family. KE4/Catsup subfamily.,tissue specificity:Major expression in placenta, lung, kidney and pancreas.,
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],

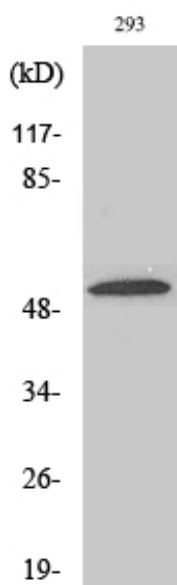
matters needing attention

Avoid repeated freezing and thawing!

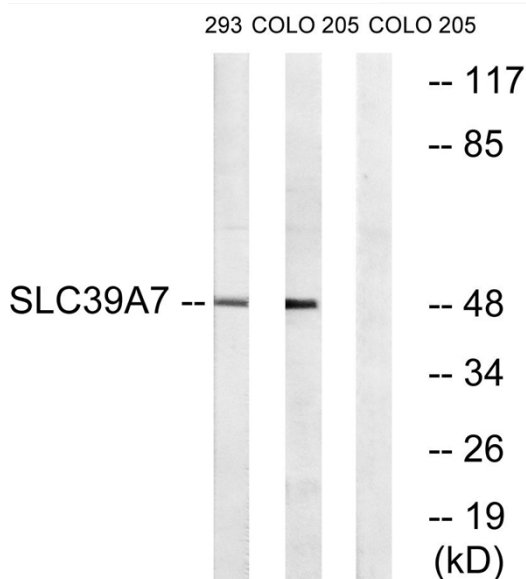
Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

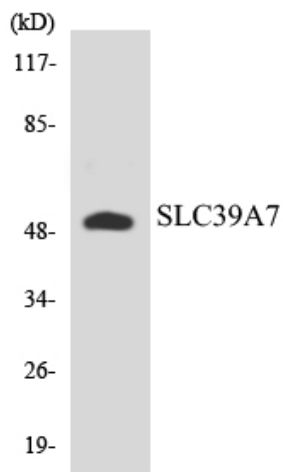
Products Images



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 HUVECcells using SLC39A7 antibody.