

Rabbit ZIP7 Polyclonal Antibody | anti-ZIP7 antibody

ZIP7 Polyclonal Antibody

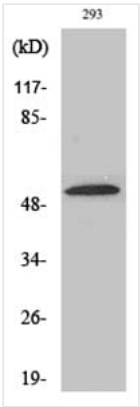
CATALOG # AAA268030	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Western Blot
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PRODUCT SYNONYMS

ZIP7; Polyclonal Antibody; ZIP7 Polyclonal Antibody; anti-ZIP7 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	ZIP7 Polyclonal Antibody detects endogenous levels of ZIP7 protein.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1mg/ml (varies by lot)
Sequence Length	469
Applicable Applications for anti-ZIP7 antibody	ELISA, WB (Western Blot)
Immunogen	Synthesized peptide derived from the Internal region of human ZIP7. at AA range: 100-180
Function	Similarity: belongs to the ZIP transporter (TC 2.A.5) family. KE4/Catsup subfamily. Tissue specific: Major expression in placenta, lung, kidney and pancreas.
Subcellular Location	nucleoplasm, endoplasmic reticulum, endoplasmic reticulum membrane, Golgi apparatus, membrane, integral component of membrane.
Preparation and Storage	-20 degree C/1 year.



WB (Western Blot)
Western analysis o 293 cells using ZIP7 Plyclonal Anitbody. Secondary antibody was diluted at 1:20000.

ADDITIONAL INFORMATION

Related Product Information for anti-ZIP7 antibody	Solute carrier family 39 member 7 (SLC39A7) Homo sapiens. The protein encoded by this gene transport zinc from the Golci 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	117553619
NCBI GeneID	14977
NCBI Accession #	NP_001070984.1
NCBI GenBank Nucleotide #	NM_001077516.1
UniProt Accession #	Q92504; Q5STP8; Q9UIQ0; B0UXF6
Molecular Weight	Molecular Weight (DA): 50,118 Da Observed Band (KD): 50
NCBI Official Full Name	zinc transporter SLC39A7 isoform 1
NCBI Official Synonym Full Names	solute carrier family 39 member 7
NCBI Official Symbol	SLC39A7
NCBI Official Synonym Symbols	KE4; HKE4; ZIP7; RING5; H2-KE4; D6S115E; D6S2244E
NCBI Protein Information	zinc transporter SLC39A7
UniProt Protein Name	Zinc transporter SLC39A7
UniProt Gene Name	SLC39A7
UniProt Synonym Gene Names	HKE4; RING5; ZIP7

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.