



ZnT-9 Polyclonal Antibody

Catalog No	YP-Ab-04281
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB;ELISA
Gene Name	SLC30A9
Immunogen	The antiserum was produced against synthesized peptide derived from human SLC30A9. AA range:181-230
Specificity	ZnT-9 Polyclonal Antibody detects endogenous levels of ZnT-9 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: 1/20000. Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	C4orf1;Embryonic lung protein;Expressed in human embryonic lung;GAC63;HUEL;Human embryonic lung protein;Hypothetical protein SLC30A9;SLC30A9;Solute carrier family 30 (zinc transporter) member 9;Solute carrier family 30 member 9;Zinc transporter 9;ZnT-9;ZNT9;ZNT9_HUMAN
Observed Band	63kD
Calculated Molecular Weight	63kD
Cell Pathway	Membrane ; Multi-pass membrane protein . Nucleus . Cytoplasm . Cytoplasmic vesicle . Endoplasmic reticulum . Mainly in the cytoplasm (PubMed:10409434). Partial co-localization with endoplasmic reticulum (PubMed:28334855). .
Tissue Specificity	Ubiquitously expressed in fetal and adult tissues and cancer cell lines.
Function	function:Plays a role in the p160 coactivator signaling pathway that mediates transcriptional activation by nuclear receptors (By similarity). Plays a role in transcriptional activation of Wnt-responsive genes.,similarity:Belongs to the cation diffusion facilitator (CDF) transporter (TC 2.A.4) family. SLC30A subfamily.,subunit:Interacts with GRIP1, ESR1 and AR.,tissue specificity:Ubiquitously expressed in fetal and adult tissues and cancer cell lines.,

**Background**

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matters needing attention

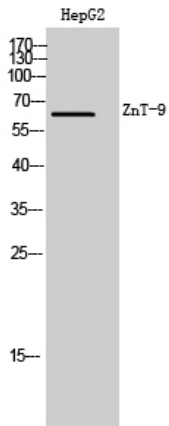
Avoid repeated freezing and thawing!

Usage suggestions

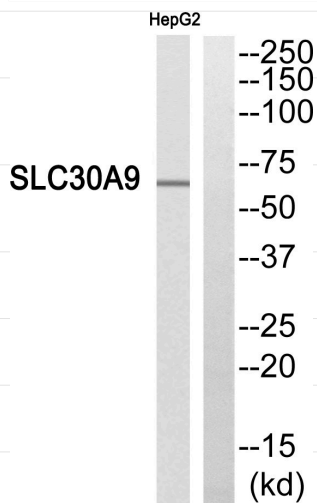
This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



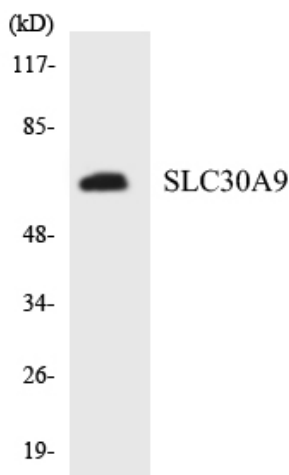
Products Images



Western Blot analysis of HepG2 cells using ZnT-9 Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



Western blot analysis of SLC30A9 Antibody. The lane on the right is blocked with the SLC30A9 peptide.



Western blot analysis of the lysates from K562 cells using SLC30A9 antibody.