



S39A5 Polyclonal Antibody

Catalog No	YP-Ab-06420
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB;ELISA
Gene Name	SLC39A5 ZIP5
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	S39A5 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, 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	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	ZIP-5;ZIP5;ZIP 5;MYP24;LZT-Hs7;S39A5;SLC39A5 ZIP5;Zinc transporter ZIP5 (Solute carrier family 39 member 5) (Zrt- and Irt-like protein 5) (ZIP-5)
Observed Band	70 kDa
Calculated Molecular Weight	539 aa, 56 kDa
Cell Pathway	Basolateral cell membrane ; Multi-pass membrane protein .
Tissue Specificity	Expressed in liver, kidney, pancreas, small intestine, colon, spleen, fetal liver and fetal kidney.
Function	function:May play a role in polarized cells by carrying out serosal-to-mucosal zinc transport. Seems to play a central role in controlling organismal zinc status., PTM:Glycosylated.,similarity:Belongs to the ZIP transporter (TC 2.A.5) family., tissue specificity:Expressed in liver, kidney, pancreas, small intestine, colon, spleen, fetal liver and fetal kidney.,
Background	The protein encoded by this gene belongs to the ZIP family of zinc transporters that transport zinc into cells from outside, and play a crucial role in controlling intracellular zinc levels. Zinc is an essential cofactor for many enzymes and proteins involved in gene transcription, growth, development and differentiation. Mutations in this gene have been associated with autosomal dominant high



myopia (MYP24). Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Sep 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