S39A5 Monoclonal Antibody

Catalog No	YP-mAb-06420
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB
Gene Name	SLC39A5 ZIP5
Protein Name	Zinc transporter ZIP5 (Solute carrier family 39 member 5) (Zrt- and Irt-like protein 5) (ZIP-5)
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	S39A5 Monoclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	59kD
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