



ZIP8 rabbit pAb

货号:	YP-Ab-17710
同型:	IgG
靶点:	SLC39A8
基因名称:	SLC39A8 BIGM103 ZIP8 PP3105
蛋白名称:	Zinc transporter ZIP8 (BCG-induced integral membrane protein in monocyte clone 103 protein) (LIV-1 subfamily of ZIP zinc transporter 6) (LZT-Hs6) (Solute carrier family 39 member 8) (Zrt- and Irt-like
免疫原:	Synthesized peptide derived from human ZIP8
特异性:	This antibody detects endogenous levels of ZIP8 at Human, Mouse, Rat
组成:	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
来源:	Polyclonal, Rabbit, IgG
稀释:	WB 1:500-2000
纯化工艺:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
浓度:	1 mg/ml
储存:	-15°C to -25°C/1 year (Do not lower than -25°C)
分子量:	51kD
功能:	Electroneutral transporter of the plasma membrane mediating the cellular uptake of zinc and manganese, two divalent metal cations important for development, tissue homeostasis or immunity . Functions as an energy-dependent symporter, transporting through the membranes an electroneutral complex composed of a divalent metal cation, a bicarbonate and a selenite anion or yet a metal cation and two bicarbonate anions . May also transport iron, mercury and cobalt through membranes . Beside these endogenous cellular substrates, also imports cadmium a non-essential metal which is cytotoxic and carcinogenic . Through zinc import, indirectly regulates the metal-dependent transcription factor MTF1 and the expression of some metalloproteases involved in cartilage catabolism and also probably heart development . Also indirectly regulates the expression of proteins involved in cell morphology and cyt
细胞定位:	Cell membrane ; Multi-pass membrane protein . Lysosome membrane ; Multi-pass membrane protein . Apical cell membrane ; Multi-pass membrane protein . Basolateral cell membrane ; Multi-pass membrane protein . Localizes to the lysosome of activated T-cells (PubMed:19401385). A large fraction of the protein is found intracellularly in microvascular capillary endothelial cells that constitute the blood-brain barrier (PubMed:31699897). Localized and functional at both apical and basolateral membranes of microvascular capillary endothelial cells that constitute the blood-brain barrier (PubMed:31699897).
组织表达:	Ubiquitously expressed (PubMed:12504855, PubMed:22898811, PubMed:28056086, PubMed:31699897). Expressed in thymus, placenta, lung, liver, pancreas, salivary gland and, to a lower extent, in spleen, testis, ovary, small intestine, colon, leukocyte, heart. Highest expression is observed in pancreas (PubMed:12504855). Expressed by macrophages (at protein level) (PubMed:28056086). Expressed by microvascular capillary endothelial cells that



constitute the blood-brain barrier (at protein level) (PubMed:31699897).

有关注意事项:

Avoid repeated freezing and thawing!

使用建议:

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

Products Images