

MaxPab®

SLC39A12 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00221074-B01P

Size 500 ug

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human SLC39A12 protein.
Immunogen	SLC39A12 (ADR83097.1, 1 a.a. ~ 691 a.a) full-length human protein.
Sequence	MCFRTKLSVSWVPLFLLLSRVFSTETDKPSAQDSRSRGSSGQPADLLQVLSAGDHPPHNHSRS LIKTLEKTGCPRRRNGMQGDCNLCFEPDALLIAGGNFEDQLREEVVQRVSLLLYYIHQEEICSS KLNMSNKEYKFYLHSLLSLRQDEDSSFLSQNETEDILAFTRQYFDTSQSQCMETKTLQKSGVSS EGANESTLPQLAAMITLSLQGVCLGQGNLPSDPYFTEYFSSLNRTNTLRLSELDQLLNTLWTRST CIKNEKIHQFQRKQNNIITHDQDYSNFSSSMEKESEDGPVSWDQTCFSARQLVEIFLQKGLSLISKE DFKQMSPGIQQLLSCSCHLPKDQQAALPPTTLEKYGYSTVAVTLLTGSMLGTALVLFHSCEENY RLILQLFVGLAVGTLSGDALLHLIPQVLGLHKQEAPEFGHFHESKGHWKLMGLIGGIHGFFLIEKCFI LLVSPNDKQGLSLVNGHVGHSHHLALNSELSDAQGRGKSASTIQLKSPEDSQAAMPISMTAS NRKCKAISLLAIMLVGDSLHNFADGLAIGAAFSSSSSESGVTTTIALCHEIPHEMGDFAVLLSSGLS MKTAILMNFISSLTAFMGLYIGLSVSADPCVQDWIFTVTAGMFLYLSLVEMLPEMTHVQTQRPWMM FLLQNFGILGWLSLLLLAIYEQNIKI
Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

Gene Info — SLC39A12

Entrez GeneID [221074](#)**GeneBank Accession#** [HQ258343.1](#)**Protein Accession#** [ADR83097.1](#)**Gene Name** SLC39A12**Gene Alias** FLJ30499, MGC43205, MGC51099, bA570F3.1**Gene Description** solute carrier family 39 (zinc transporter), member 12**Gene Ontology** [Hyperlink](#)

Gene Summary Zinc is an essential cofactor for hundreds of enzymes. It is involved in protein, nucleic acid, carbohydrate, and lipid metabolism, as well as in the control of gene transcription, growth, development, and differentiation. SLC39A12 belongs to a subfamily of proteins that show structural characteristics of zinc transporters (Taylor and Nicholson, 2003 [PubMed 12659941]).[supplied by OMIM]

Other Designations OTTHUMP00000019247|solute carrier family 39 (metal ion transporter), member 12

Disease

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