

MaxPab®

SLC6A18 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00348932-B01P

Size 500 ug

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human SLC6A18 protein.
Immunogen	SLC6A18 (AAH56757.1, 1 a.a. ~ 628 a.a) full-length human protein.
Sequence	MAHAPEPDPAACDLGDERPKWDNKAQYLLSCTGFAVGLGNWRFPYLCQTYGGGAFLIPYVIALV FEGIPFIHVELAIGQRLRKGSVGVWTAISPYLSGVGLGCVTLSEFLISLYNTVAWVLWYLLNSFQHP LPWSSCPPDLNRTGFVEECQGSSAVSYFWYRQTLNITADINDSGSIQWWLLICLAASWAVVYMCV IRGIETTGVYFTALFPYLVLTIFLIRGLTLPGATKGLMLFTPNMHILQNPRVWLDAATQIFFSLSLAFG GHIAFASYNsprndcQKDAVVIALVNRMTSLYASIAVFSVLGFKATNDYEHCLDRNLSLINDFDFFP EQSISRDDYPVLMHLNATWPKRVAQLPLKACLEDFLDKSASGPGLAFVVFTETDLHMPGAPV WAMLFFGMLFTLGLSTMFGTVEAVITPLLDVGVLPWWPKEALTGLVCLVCFLSATCFTLQSGNY WLEIFDNFAASPNLLMLAFLEVVGVVVYGMKRFCDDIAWMTGRRPSPYWRLTWRVVSPLLLTI VAYIILLFWKPLRYKAWNPKYELFSPRQEKLPGWARAACVLLSLLPVLWVPVAALAQLLTRRRRT WRDRDARPD TDMRPDT DTRPD TDMRPDT DMR
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (77)
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 — SLC6A18

Entrez GeneID [348932](#)**GeneBank Accession#** [BC056757.1](#)**Protein Accession#** [AAH56757.1](#)**Gene Name** SLC6A18**Gene Alias** FLJ31236, Xtrp2**Gene Description** solute carrier family 6, member 18**Omim ID** [610300](#)**Gene Ontology** [Hyperlink](#)

Gene Summary The SLC6 family of proteins, which includes SLC6A18, acts as specific transporters for neurotransmitters, amino acids, and osmolytes like betaine, taurine, and creatine. SLC6 proteins are sodium cotransporters that derive the energy for solute transport from the electrochemical gradient for sodium ions (Hoglund et al., 2005 [PubMed 16125675]).[supplied by OMIM]

Other Designations sodium channel-like protein|solute carrier family 6 (neurotransmitter transporter), member 18

Disease

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