

MaxPab®

SLC22A4 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00006583-B01P

Size 500 ug

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human SLC22A4 protein.
Immunogen	SLC22A4 (ABM81742.1, 1 a.a. ~ 551 a.a) full-length human protein.
Sequence	MRDYDEVIAFLGEWGPFQRLIFFLLSASIIPNGFNGMSVVFLAGTPEHRCRVPDAANLSSAWRNN SVPLRLRDGREVPHSCSRYRLATIANFSALGLEPGRDVDLGQLEQESCLDGWEFSQDVYLSTVV TEWNLVCEDNWKVPLTTSLFFVGVLGVSFVSGQLSDRFGRKNVLFATMAVQTGFSFLQIFSISWE MFTVLFVIVGMGQISNYVVAFILGTEILGKSVRIIFSTLGVCTFFAVGYMLLPLFAYFIRDWRMLLLALT VPGVLCVPLWWFIPESPRWLISQRRFREAEIIQKAAKMNNIAPAVIFDSVEELNPLKQKQKAFILD LFRTRNIAIMTMSLLLWMLTSVGYFALS LDAPNLHGDAYLNCFLSALIEIPAYITAWLLRLPRRYIA AVLFWGGGVLLFIQLVPVDYYFLSIGLVMLGKGFGITSAFSMLYVFTAELYPTLVRNMAVGVTSTASR VGSIIAPYFVYLGAYNRMLPYVMGSLTVLIGILTLFFPESLGMTLPETLEQMVKVWFRSGKKTRDS METEENPKVLITAF
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (85); Rat (85)
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 — SLC22A4

Entrez GeneID [6583](#)

GeneBank Accession# [DQ890816.2](#)

Protein Accession# [ABM81742.1](#)

Gene Name SLC22A4

Gene Alias MGC34546, MGC40524, OCTN1

Gene Description solute carrier family 22 (organic cation/ergothioneine transporter), member 4

Omim ID [180300](#) [266600](#) [604190](#)

Gene Ontology [Hyperlink](#)

Gene Summary Polyspecific organic cation transporters in the liver, kidney, intestine, and other organs are critical for elimination of many endogenous small organic cations as well as a wide array of drugs and environmental toxins. The encoded protein is an organic cation transporter and plasma integral membrane protein containing eleven putative transmembrane domains as well as a nucleotide-binding site motif. Transport by this protein is at least partially ATP-dependent. [provided by RefSeq]

Other Designations integral membrane transport protein|organic cation transporter 4|solute carrier family 22 (organic cation transporter), member 4|solute carrier family 22 member 4

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