

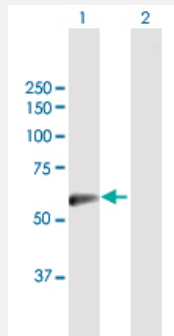
MaxPab®

SLC13A3 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00064849-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of SLC13A3 expression in transfected 293T cell line ([H00064849-T01](#)) by SLC13A3 MaxPab polyclonal antibody.

Lane 1: SLC13A3 transfected lysate(66.22 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human SLC13A3 protein.
Immunogen	SLC13A3 (NP_073740.2, 1 a.a. ~ 602 a.a) full-length human protein.
Sequence	MAALAAAAKKVWSARRLLVLLFTPLALLPVVFALPPKEGRCLFVILLMAVYWCTEALPLSVTALLP NLFPFMGILPSNKVCPQYFLDTNFLFLSGLIMASAIIEWNLHRRALKILMLVGVPARLILGMMVTT SFLSMWLSNTASTAMMLPIANAILKSLFGQKEVRKDPSQSESENTAAVRRNGLHTVPTMQFLAS TEAKDHPGETEVPLDLPADSRKEDEYRRNWKGFLISIPYSASIGGTATLTGTAPNLILLGQLKSFFP QCDVVNFGSWFIFAFPLMLLFLLAGWLWISFLYGGLSFRGWKKNKSEIRTNADRARAVIREEQ NLGPIKFAEQAVFILFCMFAILLFTRDPKFI PGWASLFNPGFLSDAVTGVAVTILFFFPSQRPSLKW WDFDKAPNTETEP LLTWKKAQETVPWNILLGGGFAMAKGCEESGLSVWIGGQLHPLENVPPAL AVLLITVVI AFFTEFASNTATIIIFLPVLAELAIRLRVHPLYLMIPGTVGCSFAFMLPVSTPPNSIAFASG HLLVKDMVRTGLLMNLMGVLLL SLAMNTWAQTIFQLGTFPDWADMYSVNV TALPPTLANDTFR TL
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.

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[Protocol Download](#)

Gene Info — SLC13A3

Entrez GeneID [64849](#)

GeneBank Accession# [NM_022829.4](#)

Protein Accession# [NP_073740.2](#)

Gene Name SLC13A3

Gene Alias NADC3, SDCT2

Gene Description solute carrier family 13 (sodium-dependent dicarboxylate transporter), member 3

Omim ID [606411](#)

Gene Ontology [Hyperlink](#)

Gene Summary Mammalian sodium-dicarboxylate cotransporters transport succinate and other Krebs cycle intermediates. They fall into 2 categories based on their substrate affinity: low affinity and high affinity. Both the low- and high-affinity transporters play an important role in the handling of citrate by the kidneys. The protein encoded by this gene represents the high-affinity form. Alternatively spliced transcript variants encoding different isoforms have been found for this gene, although the full-length nature of some of them have not been characterized yet. [provided by RefSeq]

Other Designations Na(+)/dicarboxylate cotransporter 3|OTTHUMP00000031667|sodium-dependent high affinity dicarboxylate transporter 3|solute carrier family 13 member 3

Disease

- [Diabetes Mellitus](#)

- [Diabetic Nephropathies](#)
- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)