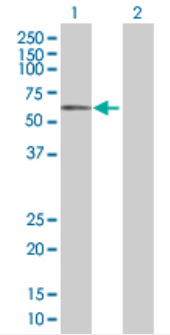
MaxPab®

SLC13A3 MaxPab mouse polyclonal antibody (B01)

Catalog # H00064849-B01 Size 50 uL

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 IVLFPFMGILPSNKVCPQYFLDTNFLFLSGLIMASAIEEWNLHRRIALKILMLVGVQPARLILGMMVTT SFLSMWLSNTASTAMMLPIANAILKSLFGQKEVRKDPSQESEENTAAVRRNGLHTVPTEMQFLAS TEAKDHPGETEVPLDLPADSRKEDEYRRNIWKGFLISIPYSASIGGTATLTGTAPNLILLGQLKSFFP QCDVVNFGSWFIFAFPLMLLFLLAGWLWISFLYGGLSFRGWRKNKSEIRTNAEDRARAVIREEYQ NLGPIKFAEQAVFILFCMFAILLFTRDPKFIPGWASLFNPGFLSDAVTGVAIVTILFFFPSQRPSLKW WFDFKAPNTETEPLLTWKKAQETVPWNIILLLGGGFAMAKGCEESGLSVWIGGQLHPLENVPPAL AVLLITVVIAFFTEFASNTATIIIFLPVLAELAIRLRVHPLYLMIPGTVGCSFAFMLPVSTPPNSIAFASG HLLVKDMVRTGLLMNLMGVLLLSLAMNTWAQTIFQLGTFPDWADMYSVNVTALPPTLANDTFRTL
Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive

Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Note	For IHC and IF applications, antibody purification with Protein A will be needed prior to use.

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

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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 inter mediates. 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 ki dneys. The protein encoded by this gene represents the high-affinity form. Alternatively spliced tra nscript 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 dica rboxylate transporter 3|solute carrier family 13 member 3

Disease

- Diabetes Mellitus
- Diabetic Nephropathies
- Genetic Predisposition to Disease
- Kidney Failure