

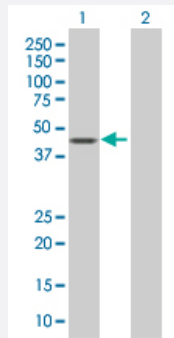
MaxPab®

PUS1 MaxPab mouse polyclonal antibody (B01P)

Catalog # H00080324-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of PUS1 expression in transfected 293T cell line ([H00080324-T01](#)) by PUS1 MaxPab polyclonal antibody.

Lane 1: PUS1 transfected lysate(44 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human PUS1 protein.
Immunogen	PUS1 (AAH02901, 1 a.a. ~ 399 a.a) full-length human protein.
Sequence	MAGNAEPPPAGAACPQDRRSCSGRAGGDRVWEDGEHPAKKLKSGGDEERREKPPKRKIVLLM AYSGKGYHGMQRNVGSSQFKTIEDDLVSALVRSGCIPENHGEDMRKMSFQRCARTDKGVSAAG QVVSLLKVVWLIIDILEKINSHLPISHIRILGLKRVTTGGFNSKNRCDARTYCYLLPTFAFAHKDRDVQDE TYRLSAETLQQVNRLLACYKGTHNFHNFTSQKGPQDPSACRYILEMYCEEPFVREGLEFAVIRVKG QSFMMHQIRKMOVGLVVAIVKGYAPESVLSRWGTEKVDVVPKAPGLGLVLERVHFEKYNQRFQND GLHEPLDWAQEEGKVAAFKEEHYPTIGTERDERSMAQWLSTLPIHNFSATALTAGGTGAKVPSP LEGSEGDGDTD
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (82); Rat (86)
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 — PUS1

Entrez GeneID [80324](#)

GeneBank Accession# [BC002901](#)

Protein Accession# [AAH02901](#)

Gene Name PUS1

Gene Alias MGC11268, MLASA

Gene Description pseudouridylate synthase 1

Omim ID [600462 608109](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a pseudouridine synthase that converts uridine to pseudouridine once it has been incorporated into an RNA molecule. The encoded enzyme may play an essential role in tRNA function and in stabilizing the secondary and tertiary structure of many RNAs. A mutation in this gene has been linked to mitochondrial myopathy and sideroblastic anemia. Alternate splicing results in multiple transcript variants

Other Designations pseudouridine synthase 1