

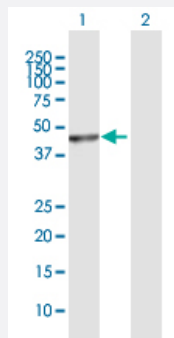
MaxPab®

PUS1 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00080324-D01P

Size 100 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(44.00 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human PUS1 protein.

Immunogen

PUS1 (AAH02901.1, 1 a.a. ~ 399 a.a) full-length human protein.

Sequence

MAGNAEPPPAGAACPQDRRSCSGRAGGDRVWEDGEHPAKKLKSGGDEERREKPPKRKIVLLM
AYSGKGYHGMQRNVGSSQFKTIEDDLVSALVRSGCIPENHGEDMRKMSFQRCARTDKGVSAAG
QVVSLLKVVWLIDDILEKINSHLPISHIRILGLKRVTTGGFNSKNRCDARTYCYLLPTFAFAHKDRDVQDE
TYRLSAETLQQVNRLLACYKGTNHNFTSQKGPQDPSACRYILEMYCEEPFVREGLEFAVIRVKG
QSFMMHQIRKMVGLVVAIVKGYAPESVLSRSGTEKVDVVKAPGLGLVLERVHFKEYNQRFNGD
GLHEPLDWAQEEGKVAAFKEEHYPTIGTERDERSMAQWLSTLPIHNFSATALTAGGTGAKVPSP
LEGSEGDGDTD

Host

Rabbit

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# [BC002901.2](#)

Protein Accession# [AAH02901.1](#)

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