

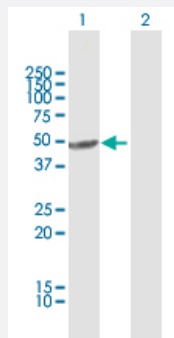
MaxPab®

PUS1 MaxPab rabbit polyclonal antibody (D01)

Catalog # H00080324-D01

Size 100 uL

Applications

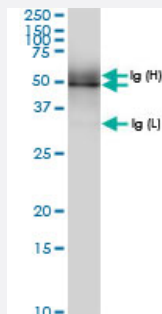


Western Blot (Transfected lysate)

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.



Immunoprecipitation

Immunoprecipitation of PUS1 transfected lysate using anti-PUS1 MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with PUS1 MaxPab rabbit polyclonal antibody (D01) ([H00080324-D01](#)).

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

MAGNAEPPPPAGAACPQDRRSCSGRAGGDRVWEDGEHPAKKLKSGGDEERREKPPKRKMLLM
AYSGKGYHGMQRNVGSSQFKTIEDDLVSALVRSGCIPENHGEDMRKMFSQRCARTDKGVSAAG
QVSLKVLIDDILEKINSHLP SHIRILGLKRV TGGFNSKNRCDARTYCYLLPTFAFAHKDRDVQDE
TYRLSAETLQQVNRLAC YKGTNHNFNFTSQKGPQDPSACRYILEMYCEEFPVREGLEFAVIRVKG
QSFMMHQIRKMVGLVVAIVKGYAPESV LERSWGTEKVDVPKAPGLGLVLERVHF EKYNQRF GND
GLHEPLDWAQEEGKVA AFKEEHYPTIIGTERDERSMAQWLSTLPIHNF SATALTAGGTGAKVPSP
LEGSEGDGDTD

Host	Rabbit
Reactivity	Human
Interspecies Antigen Sequence	Mouse (82); Rat (86)
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.

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[Protocol Download](#)

- Immunoprecipitation

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[Protocol Download](#)

Gene Info — PUS1

Entrez GeneID	80324
GeneBank Accession#	BC002901
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