

Rabbit anti-Human PUS1 Polyclonal Antibody | anti-PUS1 antibody

Rabbit anti-PUS1 IHC Antibody, Affinity Purified

CATALOG # AAA213969	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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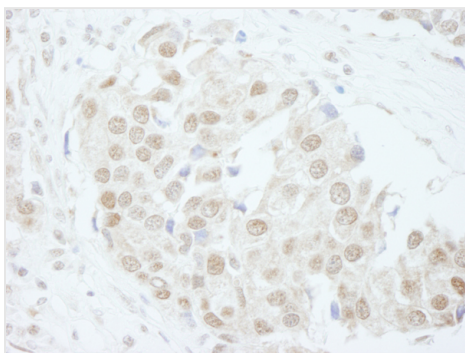
PRODUCT SYNONYMS

PUS1; Polyclonal Antibody; Rabbit anti-PUS1 IHC Antibody; Affinity Purified; tRNA pseudouridine synthase A; mitochondrial; tRNA-uridine isomerase I; tRNA uridine isomerase I; tRNA pseudouridine(38-40) synthase; pseudouridylylate synthase 1; MLASA1; mitochondrial tRNA pseudouridine synthase A; tRNA pseudouridylylate synthase I; pseudouridine synthase 1; anti-PUS1 antibody

PRODUCT SPECIFICATIONS

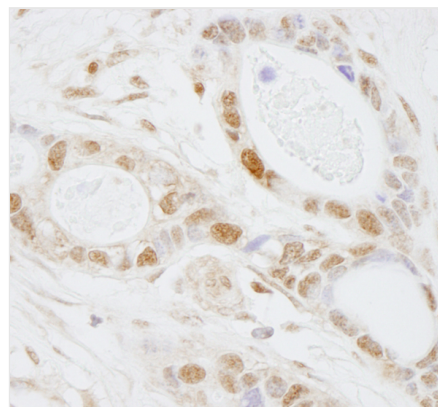
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
Concentration	50ug/ml (varies by lot)
Applicable Applications for anti-PUS1 antibody	IHC (Immunohistochemistry)
Predicted Reactivity	Orangutan, Gorilla, Chimpanzee, White-tufted-ear marmoset, Northern white-cheeked gibbon
Immunogen	Between 377 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



IHC (Immunohistochemistry)

Detection of human PUS1 by immunohistochemistry. Sample: FFPE section of human breast carcinoma. Antibody: Affinity purified rabbit anti-PUS1 (Cat. No. AAA213969) used at a dilution of 1:250. Detection: DAB



IHC (Immunohistochemistry)

Detection of human PUS1 by immunohistochemistry. Sample: FFPE section of human ovarian tumor. Antibody: Affinity purified rabbit anti-PUS1 (Cat. No. AAA213969) used at a dilution of 1:250. Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-PUS1 antibody	Pus1 (pseudouridylate synthase 1) is an enzyme that converts uridine to pseudouridine in non-coding RNA substrates. Pus1 modifies uridines at specific positions in a subset of tRNAs. Pseudouridylation is known to affect the structure of tRNAs and stabilize base-stacking and base-pairing in the anticodon loop. Pus1 activity is important for proper folding and function of tRNAs. Pus1 has also been shown to pseudouridylate SRA (steroid receptor RNA activator) and function as a coactivator. Defects in pseudouridylation are associated with the human disease, MLASA (myopathy with lactic acidosis and sideroblastic anemia), an autosomal recessive oxidative phosphorylation disorder specific to skeletal muscle and bone marrow.
Product Categories/Family for anti-PUS1 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GeneID	80324
UniProt Accession #	Q9Y606
UniProt Protein Name	tRNA pseudouridine synthase A, mitochondrial
UniProt Gene Name	PUS1
UniProt Entry Name	TRUA_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/pus1-antibody-immunohistochemistry-elisa/213969>