

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

QPRT Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA235000	Rabbit	Human	Immunofluorescence, Immunohistochemistry, ELISA

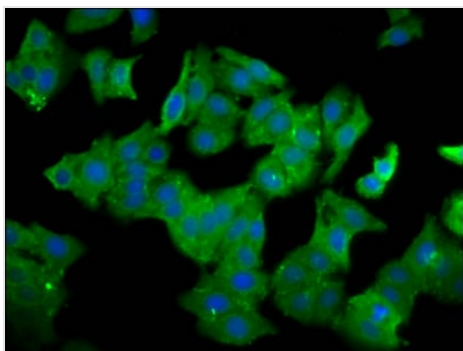
PRODUCT SYNONYMS

QPRT; Polyclonal Antibody; QPRT Antibody; Nicotinate-nucleotide pyrophosphorylase [carboxylating]; Quinolinate phosphoribosyltransferase [decarboxylating]; QAPRTase; QPRTase; anti-QPRT antibody

PRODUCT SPECIFICATIONS

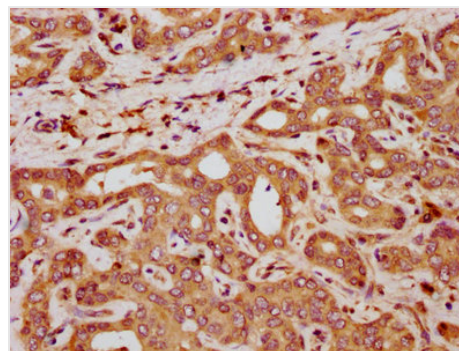
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	152
Applicable Applications for anti-QPRT antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Human Nicotinate-nucleotide pyrophosphorylase [carboxylating] protein (113-254AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IF (Immunofluorescence)

Immunofluorescence staining of HepG2 cells with AAA235000 at 1:100, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).



IHC (Immunohistochemistry)

IHC image of AAA235000 diluted at 1:300 and staining in paraffin-embedded human liver cancer performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

ADDITIONAL INFORMATION

Related Product Information for anti-QPRT antibody	Involved in the catabolism of quinolinic acid (QA).
Product Categories/Family for anti-QPRT antibody	Neuroscience; Metabolism; Signal transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	970949423
NCBI GeneID	23475
NCBI Accession #	NP_001305178.1
NCBI GenBank Nucleotide #	NM_001318249.1
UniProt Accession #	Q15274; Q53XW7; Q96G22; Q9BSG6
Molecular Weight	30,846 Da
NCBI Official Full Name	nicotinate-nucleotide pyrophosphorylase
NCBI Official Synonym Full Names	quinolinate phosphoribosyltransferase
NCBI Official Symbol	QPRT
NCBI Official Synonym Symbols	QPRTase; HEL-S-90n
NCBI Protein Information	nicotinate-nucleotide pyrophosphorylase [carboxylating]
UniProt Protein Name	Nicotinate-nucleotide pyrophosphorylase [carboxylating]
UniProt Gene Name	QPRT
UniProt Synonym Gene Names	QAPRTase; QPRTase

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://stage.aaabiotech.com/polyclonal/qprt-antibody-immunofluorescence-immunohistochemistry-elisa/235000>