

Rabbit anti-Human, Mouse PAICS Polyclonal Antibody | anti-PAICS antibody

PAICS Antibody

CATALOG # AAA231866	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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PRODUCT SYNONYMS

PAICS; Polyclonal Antibody; PAICS Antibody; Multifunctional protein ADE2; Phosphoribosylaminoimidazole-succinocarboxamide synthase; SAICAR synthetase; Phosphoribosylaminoimidazole carboxylase; AIR carboxylase; AIRC; ADE2; PAIS; anti-PAICS antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid
Sequence Length	425
Applicable Applications for anti-PAICS antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Species	Human
Immunogen	Recombinant Human Multifunctional protein ADE2 protein (176-425AA)
Conjugate	Non-conjugated
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-16150
Species	Homo Sapiens (Human)
Research Area	Epigenetics and Nuclear Signaling
Target Names	PAICS
Preparation and Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze.

IMAGES



IHC (Immunohistochemisry)

Immunohistochemistry of paraffin-embedded human testis tissue using AAA231866 at dilution 1:100



IHC (Immunohiostchemistry)

Immunohistochemistry of paraffin-embedded human liver tissue using AAA231866 at dilution 1:100



WB (Western Blot)

Western blotAll lanes: PAICSantibody at 3.98ug/mlLane 1 : Hela whole cell lysateLane 2 : Raji whole cell lysateLane 3 : 293T whole cell lysateLane 4 : NIH/3T3 whole cell lysateSecondaryGoat polyclonal to Rabbit IgG at 1/10000 dilutionPredicted band size: 47 kDaObserved band size: 47 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-PAICS antibody	cytosol, extracellular exosome, membrane, identical protein binding, phosphoribosylaminoimidazole carboxylase activity, phosphoribosylaminoimidazolesuccinocarboxamide synthase activity, 'de novo' IMP biosynthetic process, adenine biosynthetic process, purine nucleobase biosynthetic process, purine ribonucleoside monophosphate biosynthetic process
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NCBI AND UNIPROT INFORMATION

NCBI GI #	119220557
NCBI GeneID	10606
NCBI Accession #	NP_001072992.1
NCBI GenBank Nucleotide #	NM_001079524.1
UniProt Accession #	P22234; Q68CQ5; E9PDH9
Molecular Weight	47,958 Da
NCBI Official Full Name	multifunctional protein ADE2 isoform 2
NCBI Official Synonym Full Names	phosphoribosylaminoimidazole carboxylase; phosphoribosylaminoimidazolesuccinocarboxamide synthase
NCBI Official Symbol	PAICS
NCBI Official Synonym Symbols	ADE2; AIRC; PAIS; ADE2H1
NCBI Protein Information	multifunctional protein ADE2
UniProt Protein Name	Multifunctional protein ADE2
UniProt Gene Name	PAICS
UniProt Synonym Gene Names	ADE2; AIRC; PAIS; AIRC
UniProt Entry Name	PUR6_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://stage.aaabiotech.com/polyclonal/paics-antibody-immunohistochemistry-western-blot-elisa/231866>