

Rabbit PAICS Polyclonal Antibody | anti-PAICS antibody

PAICS antibody

CATALOG # AAA306131	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot
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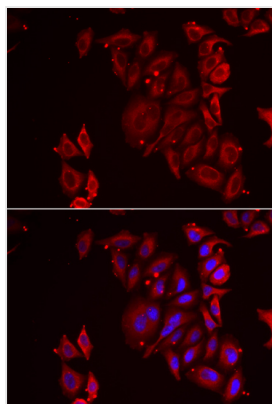
PRODUCT SYNONYMS

PAICS; Polyclonal Antibody; PAICS antibody; ADE2; AIRC; PAIS; ADE2H1; anti-PAICS antibody

PRODUCT SPECIFICATIONS

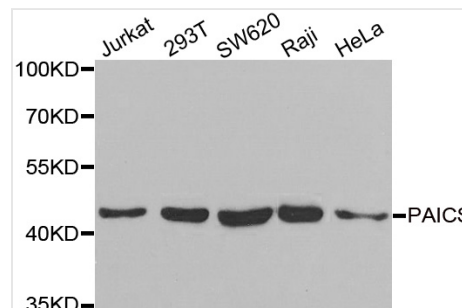
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total PAICS antibody.
Purity/Purification	Antibodies were purified by affinity purification using immunogen.
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	425
Applicable Applications for anti-PAICS antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human PAICS.
Target Name	PAICS
Preparation and Storage	Store at -20 degree C

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of U2OS cell using PAICS antibody. Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using PAICS antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-PAICS antibody	This gene encodes a bifunctional enzyme containing phosphoribosylaminoimidazole carboxylase activity in its N-terminal region and phosphoribosylaminoimidazole succinocarboxamide synthetase in its C-terminal region. It catalyzes steps 6 and 7 of purine biosynthesis. The gene is closely linked and divergently transcribed with a locus that encodes an enzyme in the same pathway, and transcription of the two genes is coordinately regulated. The human genome contains several pseudogenes of this gene. Multiple transcript variants encoding different isoforms have been found for this gene.
Product Categories/Family for anti-PAICS antibody	Total protein Ab

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, phosphoribosylaminoimidazole succinocarboxamide synthetase
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-immunofluorescence-western-blot-elisa/306131>