

PAICS antibody

Catalog No: #38928

Package Size: #38928-1 50ul #38928-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

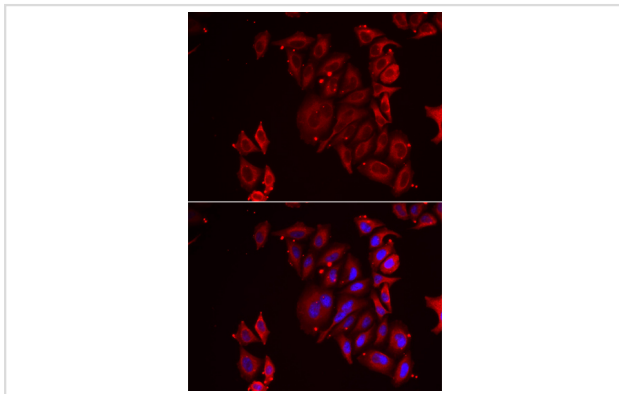
Description

Product Name	PAICS antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IF
Species Reactivity	Human,Rat
Specificity	The antibody detects endogenous level of total PAICS protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant fusion protein of human PAICS (NP_001072992.1).
Target Name	PAICS
Other Names	PAICS;ADE2;ADE2H1;AIRC;PAIS
Accession No.	Uniprot:P22234GenelD:10606
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GenelD	10606
SDS-PAGE MW	47kDa
Concentration	1.0mg/ml
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

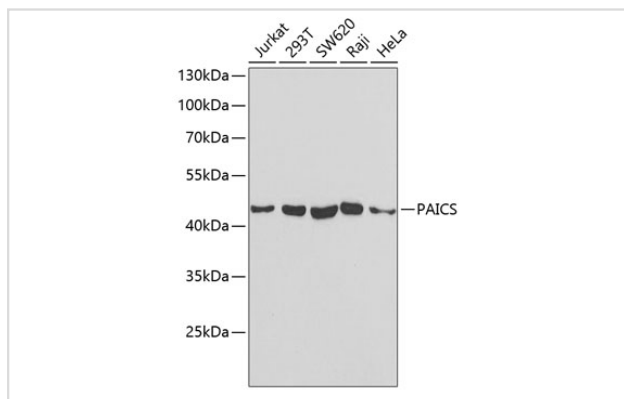
Application Details

WB □ 1:500 - 1:2000IF □ 1:10 - 1:100

Images



Immunofluorescence analysis of U2OS cells using PAICS antibody.



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

Background

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.

Note: This product is for in vitro research use only