

Datasheet for ABIN656869
anti-PAICS antibody (N-Term)



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4 Images

Overview

Quantity:	400 µL
Target:	PAICS
Binding Specificity:	AA 95-123, N-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PAICS antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This PAICS antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 95-123 amino acids from the N-terminal region of human PAICS.
Clone:	RB31339
Isotype:	Ig Fraction
Predicted Reactivity:	C
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	PAICS
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Target Details

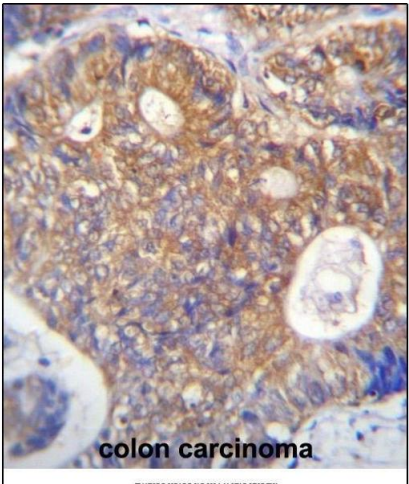
Alternative Name:	PAICS (PAICS Products)
Background:	<p>This gene encodes a bifunctional enzyme containing phosphoribosylaminoimidazole carboxylase activity in its N-terminal region and phosphoribosylaminoimidazole succinocarboxamide synthetase in its C-terminal region. It catalyzes steps 6 and 7 of 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.</p>
Molecular Weight:	47079
Gene ID:	10606
NCBI Accession:	NP_001072992 , NP_001072993 , NP_006443
UniProt:	P22234
Pathways:	Chromatin Binding

Application Details

Application Notes:	WB: 1:1000. WB: 1:1000. IHC-P: 1:10~50. FC: 1:10~50
Restrictions:	For Research Use only

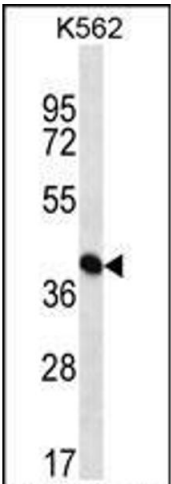
Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	PAICS Antibody (N-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, place the at -20 °C.
Expiry Date:	6 months



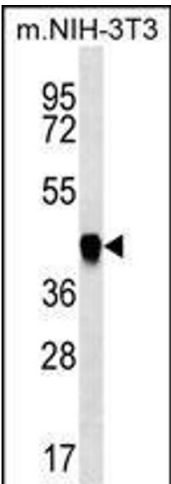
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. ICS Antibody (N-term) (ABIN656869 and ABIN2846073) immunohistochemistry analysis in formalin fixed and raffin embedded human colon carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of ICS Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



Western Blotting

Image 2. ICS Antibody (N-term) (ABIN656869 and ABIN2846073) western blot analysis in K562 cell line lysates (35 µg/lane).This demonstrates the ICS antibody detected the ICS protein (arrow).



Western Blotting

Image 3. ICS Antibody (N-term) (ABIN656869 and ABIN2846073) western blot analysis in mouse NIH-3T3 cell line lysates (35 µg/lane).This demonstrates the ICS antibody detected the ICS protein (arrow).

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN656869.