

# PAICS Polyclonal Antibody

Catalog Number:E-AB-15282



**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

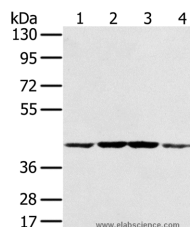
## Description

|                     |                                                     |
|---------------------|-----------------------------------------------------|
| <b>Reactivity</b>   | Human,Mouse,Rat                                     |
| <b>Immunogen</b>    | Recombinant protein of human PAICS                  |
| <b>Host</b>         | Rabbit                                              |
| <b>Isotype</b>      | IgG                                                 |
| <b>Purification</b> | Affinity purification                               |
| <b>Conjugation</b>  | Unconjugated                                        |
| <b>Formulation</b>  | PBS with 0.05% sodium azide and 50% glycerol, PH7.4 |

## Applications Recommended Dilution

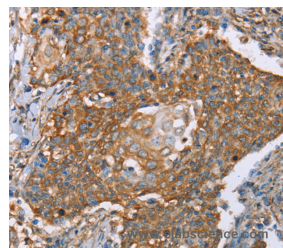
|            |              |
|------------|--------------|
| <b>WB</b>  | 1:500-1:2000 |
| <b>IHC</b> | 1:50-1:200   |

## Data

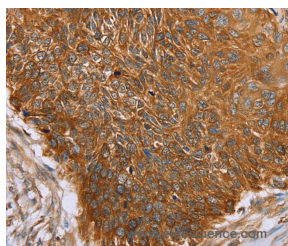


Western Blot analysis of HeLa, K562, Raji and Jurkat cell using PAICS Polyclonal Antibody at dilution of 1:550

**Calculated Mw:47kDa**



Immunohistochemistry of paraffin-embedded Human cervical cancer using PAICS Polyclonal Antibody at dilution of 1:50



Immunohistochemistry of paraffin-embedded Human esophagus cancer using PAICS Polyclonal Antibody at dilution of 1:50

## Preparation & Storage

**Storage** Store at -20°C. Avoid freeze / thaw cycles.

## 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

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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.

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