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PAICS Polyclonal Antibody

Cat #: G-AB-11106

Host: Rabbit **Reactivity:** Human, Rat

Isotype: IgG **Clonality:**

Overview:
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.

Gene ID: 10606

Accession #:

Immunogen: Recombinant fusion protein of human PAICS (NP_001072992.1).

Conjugation: Unconjugated

Swissprot: P22234

Calculated Molecular Weight: 47 kDa

Observed Molecular Weight: 47 kDa

Concentration: 1 mg/mL

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3

Purification Method: Affinity purification

Application: WB,IHC,IF

Dilution: WB 1:500-1:2000 IHC 1:50-1:200 IF 1:10-1:100

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