bs-6369R

[Primary Antibody]

BIOSS ANTIBODIES

PAICS Rabbit pAb

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- DATASHEET -

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

GeneID: 10606 **SWISS:** P22234

Target: PAICS

Immunogen: KLH conjugated synthetic peptide derived from human PAICS:

201-300/425.

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50%

Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated

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 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. [provided by

RefSeq, Jul 2008].

Applications: IHC-P (1:100-500)

IHC-F (1:100-500) IF (1:100-500) ELISA (1:5000-10000)

Reactivity: (predicted: Human, Mouse,

Rat, Rabbit, Pig, Cow, Chicken, Dog, Horse)

Predicted MW.: 47 kDa

Subcellular Secreted ,Extracellular **Location:** matrix ,Cytoplasm