

Datasheet

PAICS purified MaxPab rabbit polyclonal antibody (D01P)

Catalog Number: H00010606-D01P

Regulation Status: For research use only (RUO)

Product Description: Rabbit polyclonal antibody raised against a full-length human PAICS protein.

Immunogen: PAICS (NP_006443.1, 1 a.a. ~ 425 a.a) full-length human protein.

Sequence:

MATAEVLNIGKKLYEGKTKEVYELLDSPGKVLLQSKDQ
ITAGNAARKNHLEGKAAISNKITSCIFQLQEAGIKTAFT
RKCGETAFAIPQCEMPIEWVCRRIATGSFLKRNPQVK
EGYKFYPPKVELFFKDDANNDPQWSEEQLIAAKFCFA
GLLIGQTEVDIMSHATQAIFEILEKSWLPQNCTLVDMKI
EFGVDVTTKEIVLADVIDNDSWRLWPSGDRSQKDKQ
SYRDLKEVTPEGLQMVKKNFVVAERVELLLKSESQC
RVVVLMGSTSDLGHCEKIKKACGNFGIPCELRVTSAHK
GPDETLRIKAEYEGDGIPTVFVAVAGRSNGLGPVMSG
NTAYPVISCPLTPDWGVQDVWSSLRLPSGLGCSTVL
SPEGSAQFAAQIFGLSNHLVWSKLRASILNTWISLKQA
DKKIRECNL

Host: Rabbit

Reactivity: Human

Applications: WB-Tr

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Storage Buffer: In 1x PBS, pH 7.4

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 10606

Gene Symbol: PAICS

Gene Alias: ADE2, ADE2H1, AIRC, DKFZp781N1372, MGC1343, MGC5024, PAIS

Gene Summary: 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]