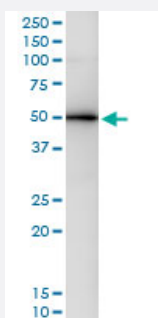


GART (Human) IP-WB Antibody Pair

Catalog # H00002618-PW1

Size 1 Set

Applications



Immunoprecipitation of GART transfected lysate using rabbit polyclonal anti-GART and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with mouse purified polyclonal anti-GART.

Specification

Product Description	This IP-WB antibody pair set comes with one antibody for immunoprecipitation and another to detect the precipitated protein in western blot.
Reactivity	Human
Interspecies Antigen Sequence	Mouse (85%); Rat (86%)
Quality Control Testing	Immunoprecipitation-Western Blot (IP-WB) Immunoprecipitation of GART transfected lysate using rabbit polyclonal anti-GART and Protein A Magnetic Bead (U0007), and immunoblotted with mouse purified polyclonal anti-GART.
Supplied Product	Antibody pair set content: 1. Antibody pair for IP: rabbit polyclonal anti-GART (300 ul) 2. Antibody pair for WB: mouse purified polyclonal anti-GART (50 ug)
Storage Instruction	Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.

Applications

- Immunoprecipitation-Western Blot

[Protocol Download](#)

Gene Info — GART

Entrez GeneID [2618](#)

Gene Name GART

Gene Alias AIRS, GARS, GARTF, MGC47764, PAIS, PGFT, PRGS

Gene Description phosphoribosylglycinamide formyltransferase, phosphoribosylglycinamide synthetase, phosphoribosylaminoimidazole synthetase

Omim ID [138440](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene is a trifunctional polypeptide. It has phosphoribosylglycinamide formyltransferase, phosphoribosylglycinamide synthetase, phosphoribosylaminoimidazole synthetase activity which is required for de novo purine biosynthesis. This enzyme is highly conserved in vertebrates. Alternative splicing of this gene results in two transcript variants encoding different isoforms. [provided by RefSeq]

Other Designations OTTHUMP00000068280|OTTHUMP00000068281|OTTHUMP00000068282|OTTHUMP00000068337|trifunctional purine biosynthetic protein adenosine-3

Pathway

- [Metabolic pathways](#)
- [One carbon pool by folate](#)
- [Purine metabolism](#)

Disease

- [Cleft Lip](#)
- [Cleft Palate](#)
- [Colorectal Neoplasms](#)

- [Ductus Arteriosus](#)
- [Genetic Predisposition to Disease](#)
- [Infant](#)
- [Spinal Dysraphism](#)
- [Tooth Abnormalities](#)