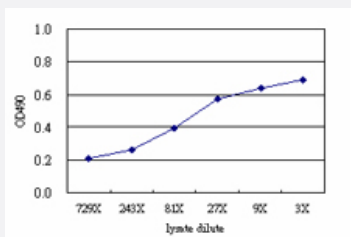


GART (Human) Matched Antibody Pair

Catalog # H00002618-AP51

Size 1 Set

Applications



Sandwich ELISA detection sensitivity ranging from approximately 729x to 3x dilution of the GART 293T overexpression lysate (non-denatured).

Specification

| | |
|--------------------------------------|--|
| Product Description | This antibody pair set comes with a matched antibody pair to detect and quantify the protein level of human GART. |
| Reactivity | Human |
| Interspecies Antigen Sequence | Mouse (85%); Rat (86%) |
| Quality Control Testing | Standard curve using GART 293T overexpression lysate (non-denatured) as an analyte. Sandwich ELISA detection sensitivity ranging from approximately 729x to 3x dilution of the GART 293T overexpression lysate (non-denatured). |
| Supplied Product | Antibody pair set content: 1. Capture antibody: mouse monoclonal anti-GART (100 ug) 2. Detection antibody: rabbit purified polyclonal anti-GART (50 ug) *Reagents are sufficient for at least 3-5 x 96 well plates using recommended protocols. |
| 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

- ELISA Pair (Transfected lysate)

[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](#)