

GART Antibody

Rabbit mAb

Catalog # AP90694

Product Information

Application	WB, IHC, IF, ICC, IP, IHF
Primary Accession	P22102
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Other Names	GARS; GART; AIRS; PRGS; Trifunctional purine biosynthetic protein adenosine 3;
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	107767

Additional Information

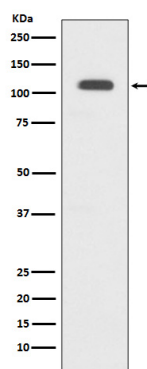
Dilution	WB 1:500~1:2000 IHC 1:50~1:200 ICC/IF 1:50~1:200 IP 1:50
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human GART
Description	This protein is involved in step 2 of the subpathway that synthesizes 5-amino-1-(5-phospho-D-ribosyl)imidazole from N(2)-formyl-N(1)-(5-phospho-D-ribosyl)glycinamide. This protein is involved in step 2 of the subpathway that synthesizes N(1)-(5-phospho-D-ribosyl)glycinamide from 5-phospho-alpha-D-ribose 1-diphosphate. Involved in step 1 of the subpathway that synthesizes N(2)-formyl-N(1)-(5-phospho-D-ribosyl)glycinamide from N(1)-(5-phospho-D-ribosyl)glycinamide (10-formyl THF route).
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Protein Information

Name	GART
Synonyms	PGFT, PRGS
Function	Trifunctional enzyme that catalyzes three distinct reactions as part of the 'de novo' inosine monophosphate biosynthetic pathway.

Images

Western blot analysis of GART expression in HeLa cell



lysate.

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Immunohistochemical analysis of paraffin-embedded human cervix cancer, using GART Antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.