

Datasheet for ABIN1679954
anti-GART antibody (AA 1-320)



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5 Images

Overview

Quantity:	100 µg
Target:	GART
Binding Specificity:	AA 1-320
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-320 of human GART (NP_000810.1).
Sequence:	MAARVLIIGS GGREHTLAWK LAQSHHVQV LVAPGNAGTA CSEKISNTAI SISDHTALAQ FCCKEKIEFV VVGPEAPLAA GIVGNLRSAG VQCFGPTAEA AQLESSKRFA KEFMDRHGIP TAQWKAFTKP EEACSFILSA DFPALVVKAS GLAAGKGVIV AKSKEEACKA VQEIMQEKAF GAAGETIVIE ELLDGEEVSC LCFTDGKTVA PMPPAQDHRK LLEGDGGPNT GGMGAYCPAP QVSNLLLLKI KDTVLQRTVD GMQQEGTPYT GILYAGIMLT KNGPKVLEFN CRFGDPECQV ILPLLKSDLY EVIQSTLDGL
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

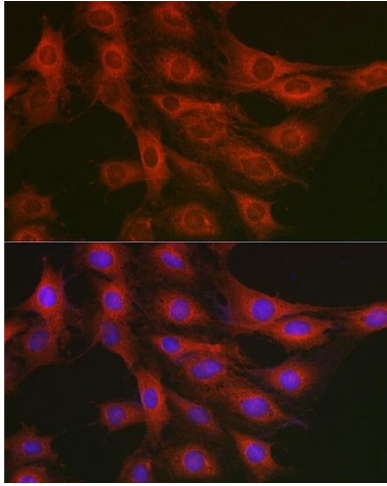
Target:	GART
Alternative Name:	GART (GART Products)
Background:	<p>The protein encoded by this gene is a trifunctional polypeptide. It has phosphoribosylglycinamide formyltransferase, phosphoribosylglycinamide synthetase, phosphoribosylaminoimidazole synthetase activity which is required for de novo purine biosynthesis. This enzyme is highly conserved in vertebrates. Alternative splicing of this gene results in two transcript variants encoding different isoforms.,GART,AIRS,GARS,GARTF,PAIS,PGFT,PRGS,Epigenetics & Nuclear Signaling,Signal Transduction,Endocrine & Metabolism,Amino acid metabolism,Nucleotide metabolism,GART</p>
Molecular Weight:	46 kDa/107 kDa
Gene ID:	2618
UniProt:	P22102

Application Details

Application Notes:	WB,1:500 - 1:2000,IF,1:50 - 1:200
Restrictions:	For Research Use only

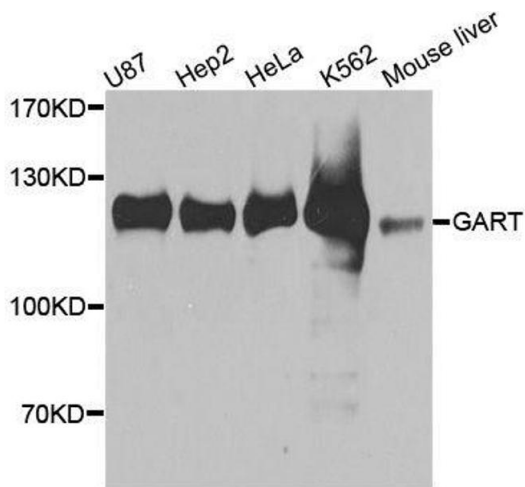
Handling

Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



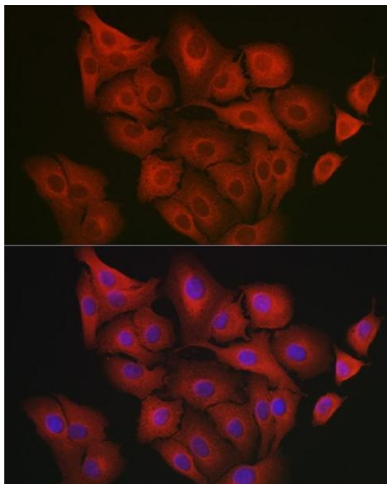
Immunofluorescence

Image 1. Immunofluorescence analysis of C6 cells using GART Rabbit pAb (ABIN1679954, ABIN3018225, ABIN3018226 and ABIN6220407) at dilution of 1:200 (40x lens). Blue: DAPI for nuclear staining.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using GART antibody.



Immunofluorescence

Image 3. Immunofluorescence analysis of cells using GART Rabbit pAb (ABIN1679954, ABIN3018225, ABIN3018226 and ABIN6220407) at dilution of 1:200 (40x lens). Blue: DAPI for nuclear staining.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN1679954.