

For Research Use Only

GATC Monoclonal antibody

Catalog Number: 68405-1-Ig



Basic Information

Catalog Number: 68405-1-Ig	GenBank Accession Number: BC107145	Purification Method: Protein A purification
Size: 150ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 283459	CloneNo.: 2F9C8
Source: Mouse	Full Name: glutamyl-tRNA(Gln) amidotransferase, subunit C homolog (bacterial)	Recommended Dilutions: WB 1:2000-1:10000
Isotype: IgG2b	Calculated MW: 136 aa, 15 kDa	
Immunogen Catalog Number: AG19857	Observed MW: 15 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : LNCaP cells, A549 cells, HEK-293 cells, K-562 cells
Species Specificity: Human	

Background Information

GATC encodes a subunit of the glutamyl-tRNA(Gln) amidotransferase protein complex (GatCAB), which plays a role in aminoacylation of mitochondrial glutaminyl mt-tRNA. The complex plays a role in mitochondrial translation and protein synthesis (PubMed: 30283131).

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

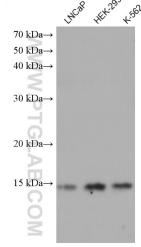
For technical support and original validation data for this product please contact:
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Selected Validation Data



A549 cells were subjected to SDS PAGE followed by western blot with 68405-1-Ig (GATC antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Various lysates were subjected to SDS PAGE followed by western blot with 68405-1-Ig (GATC antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.