

Product datasheet for **TA308474**

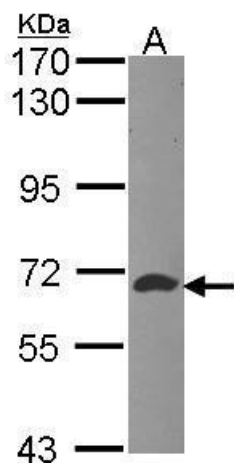
ATIC Rabbit Polyclonal Antibody

Product data:

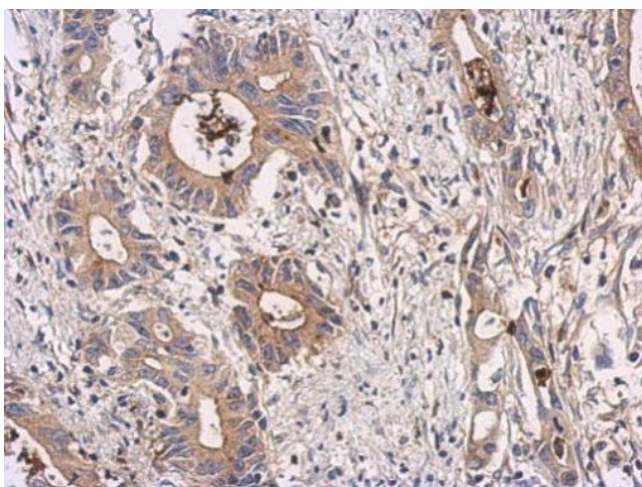
Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	ICC/IF:1:100-1:1000; IHC:1:100-1:1000; WB:1:500-1:3000
Reactivity:	Human (Predicted: Mouse, Chicken, Pig, Rat, Bovine)
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant fragment corresponding to a region within amino acids 310 and 580 of ATIC (Uniprot ID#P31939)
Formulation:	0.1M Tris, 0.1M Glycine, 10% Glycerol (pH7). 0.01% Thimerosal was added as a preservative.
Concentration:	lot specific
Purification:	Purified by antigen-affinity chromatography.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	65 kDa
Gene Name:	5-aminoimidazole-4-carboxamide ribonucleotide formyltransferase/IMP cyclohydrolase
Database Link:	NP_004035 Entrez Gene 81643 Rat Entrez Gene 108147 Mouse Entrez Gene 471 Human P31939
Synonyms:	AICAR; AICARFT; HEL-S-70p; IMPCHASE; PURH
Note:	Seq homology of immunogen across species: Mouse (92%), Chicken (83%), Pig (92%), Rat (92%), Bovine (93%)
Protein Families:	Stem cell - Pluripotency
Protein Pathways:	Metabolic pathways, One carbon pool by folate, Purine metabolism



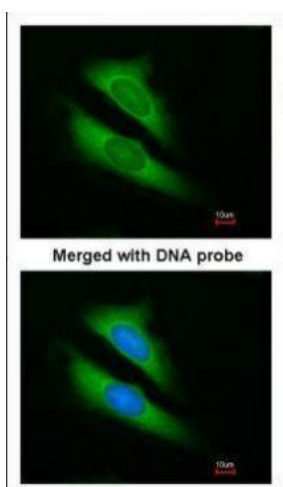
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Product images:

Sample (30 ug of whole cell lysate). A: Hep G2.
7.5% SDS PAGE. ATIC antibody. TA308474 diluted
at 1:1000.



Immunohistochemical analysis of paraffin-
embedded Colon ca, using ATIC (TA308474)
antibody at 1:100 dilution.



Immunofluorescence analysis of paraformaldehyde-fixed HeLa, using ATIC (TA308474) antibody at 1:200 dilution.