

Anti-GATA3 Rabbit Monoclonal Antibody

Catalog Number: M00593

About GATA3

Dynamin-related GTPase required for mitochondrial fusion and regulation of apoptosis. May form a diffusion barrier for proteins stored in mitochondrial cristae. Proteolytic processing in response to intrinsic apoptotic signals may lead to disassembly of OPA1 oligomers and release of the caspase activator cytochrome C (CYCS) into the mitochondrial intermembrane space.

Overview

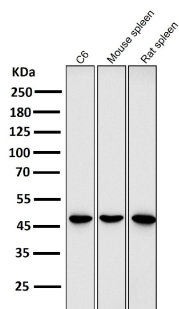
Product Name	Anti-GATA3 Rabbit Monoclonal Antibody
Reactive Species	Human
Description	Boster Bio Anti-GATA3 Rabbit Monoclonal Antibody catalog # M00593. Tested in WB, IHC, ICC/IF, Flow Cytometry applications. This antibody reacts with Human.
Application	Flow Cytometry, IF, IHC, ICC, WB
Clonality	Monoclonal ABBH-7
Formulation	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P23771

Technical Details

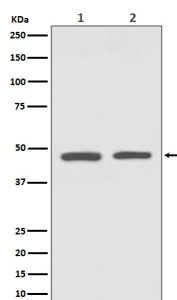
Immunogen	A synthesized peptide derived from human GATA3
Isotype	Rabbit IgG
Form	Liquid
Concentration	Actual concentration vary by lot. Use suggested dilution ratio to decide dilution procedure.
Purification	Affinity-chromatography
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples. Some PubMed article(s) citing the expression level of this target are as follows: Boster Bio's internal QC testing used:

	WB 1:500-1:2000 IHC 1:50-1:200 ICC/IF 1:50-1:200 FC 1:100
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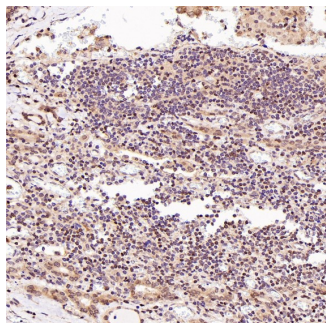
Anti-GATA3 Rabbit Monoclonal Antibody (M00593) Images



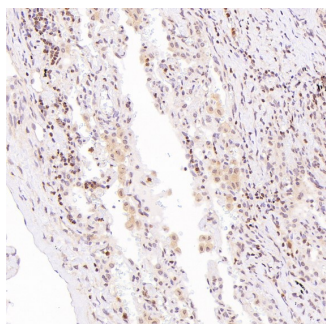
All lanes use the Antibody at 1:2K dilution for 1 hour at room temperature.



Western blot analysis of GATA3 expression in (1) SH-SY5Y cell lysate; (2) Jurkat cell lysate.

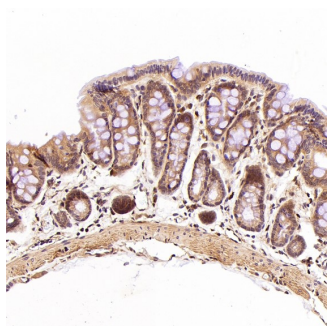


Immunohistochemical analysis of paraffin-embedded Human thyroid cancer, using the Antibody at 1:250 dilution.

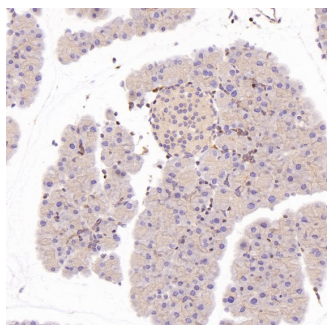


Immunohistochemical analysis of paraffin-embedded Human small cell lung cancer, using the Antibody at 1:1000 dilution.

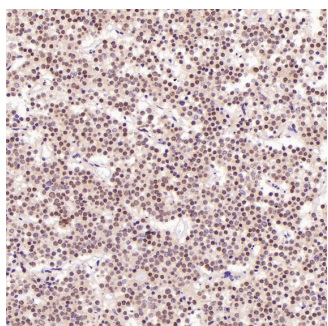
Immunohistochemical analysis of paraffin-embedded Rat intestine, using the Antibody at 1:500 dilution.



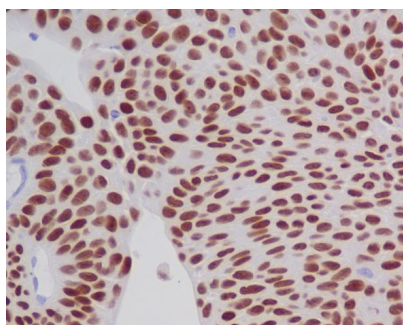
Immunohistochemical analysis of paraffin-embedded Mouse pancreas, using the Antibody at 1:500 dilution.



Immunohistochemical analysis of paraffin-embedded Human pituitary tumor, using the Antibody at 1:250 dilution.



Immunohistochemical analysis of paraffin-embedded human bladder cancer, using GATA3 Antibody.



1 Publications Citing This Product

1. PubMed ID: 32976570, Ahluwalia A, Hoa N, Ge L, Blumberg B, Levin ER. Mechanisms by Which Membrane and Nuclear ER Alpha Inhibit Adipogenesis in Cells Isolated From Female Mice. Endocrinology. 2020 Nov 1;161(11):bqaa175.doi: 10.1210/endocr/bqaa175.PMID:32976570.

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