

Anti-GATA3 Rabbit Monoclonal Antibody

Catalog # ABO13789

Product Information

Application	WB, IHC, IF, ICC, FC
Primary Accession	P23771
Host	Rabbit
Isotype	Rabbit IgG
Reactivity	Human
Clonality	Monoclonal
Format	Liquid
Description	Anti-GATA3 Rabbit Monoclonal Antibody . Tested in WB, IHC, ICC/IF, Flow Cytometry applications. This antibody reacts with Human.

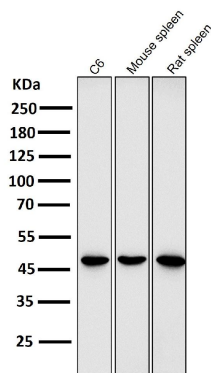
Additional Information

Gene ID	2625
Other Names	Trans-acting T-cell-specific transcription factor GATA-3, GATA-binding factor 3, GATA3
Calculated MW	47916
Application Details	WB 1:500-1:2000 IHC 1:50-1:200 ICC/IF 1:50-1:200 FC 1:100
Subcellular Localization	Nucleus.
Tissue Specificity	T-cells and endothelial cells.
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names	Clone: ABBH-7
Immunogen	A synthesized peptide derived from human GATA3
Purification	Affinity-chromatography
Storage	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.

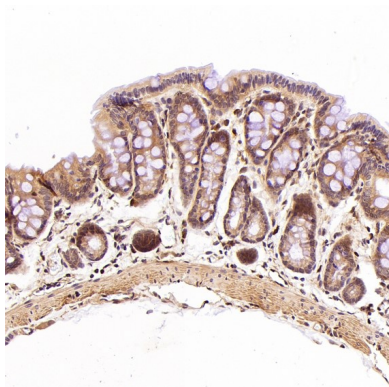
Protein Information

Name	GATA3
Function	Transcriptional activator which binds to the enhancer of the T-cell receptor alpha and delta genes. Binds to the consensus sequence 5'-AGATAG-3'. Required for the T-helper 2 (Th2) differentiation process following immune and inflammatory responses. Positively regulates ASB2 expression (By similarity). Coordinates macrophage transcriptional activation and UCP2-dependent metabolic reprogramming in response to IL33. Upon tissue injury, acts downstream of IL33 signaling to drive differentiation of inflammation-resolving alternatively activated macrophages.
Cellular Location	Nucleus.
Tissue Location	T-cells and endothelial cells.

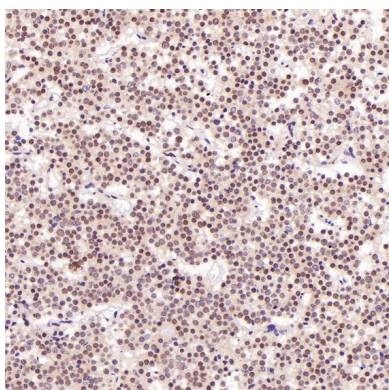
Images



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

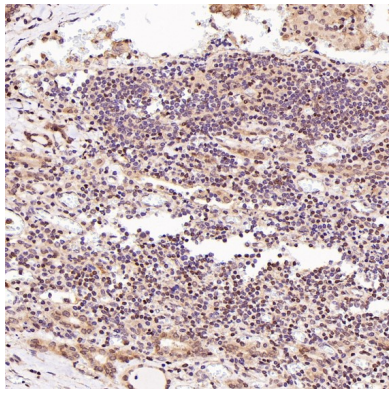


Immunohistochemical analysis of paraffin-embedded Rat intestine, using the Antibody at 1:500 dilution.

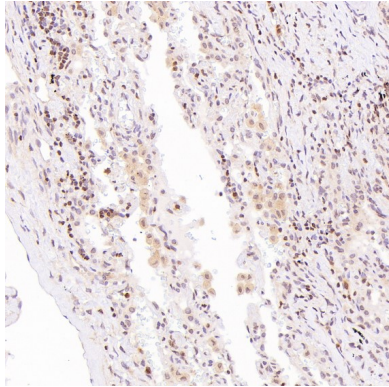


Immunohistochemical analysis of paraffin-embedded Human pituitary tumor, using the Antibody at 1:250 dilution.

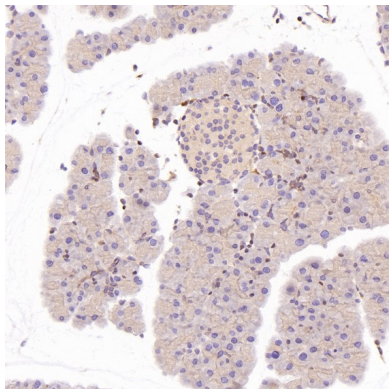
Immunohistochemical analysis of paraffin-embedded Human thyroid cancer, using the Antibody at 1:250



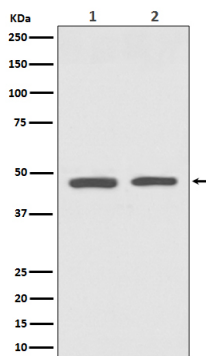
dilution.



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

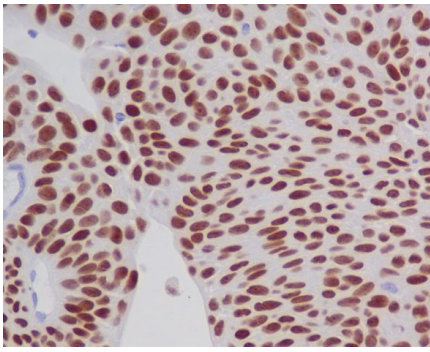


Immunohistochemical analysis of paraffin-embedded Mouse pancreas, using the Antibody at 1:500 dilution.



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

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



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