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GATA3 antibody - C-terminal region

Rabbit Polyclonal Antibody
Catalog # AI10379

Product Information

Application	WB, IHC, IF
Primary Accession	P23771
Other Accession	NM_002051, NP_002042
Reactivity	Human, Mouse, Rat, Pig, Bovine, Dog
Predicted	Human, Mouse, Rat, Pig, Chicken, Bovine, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	47916

Additional Information

Gene ID	2625
Alias Symbol	HDR, HDRS
Other Names	Trans-acting T-cell-specific transcription factor GATA-3, GATA-binding factor 3, GATA3
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-GATA3 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	GATA3 antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

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.

References

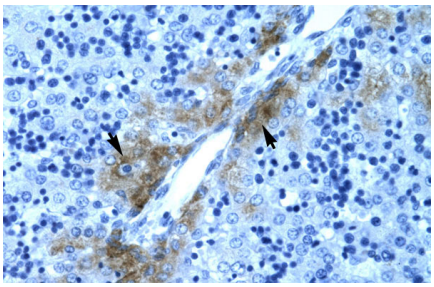
Kaminuma,O., et al., (2004) FEBS Lett.570(1-3),63-68Reconstitution and Storage:For short term use, store at 2-8C up to 1 week. For long term storage, store at -20C in small aliquots to prevent freeze-thaw cycles.

Images



WB Suggested Anti-GATA3 Antibody Titration: .2-1 ug/ml
Positive Control: Jurkat cell lysate

There is BioGPS gene expression data showing that GATA3 is expressed in Jurkat



Rabbit Anti-GATA3 Antibody Catalog Number: AI10379
Paraffin Embedded Tissue: Human Liver Cellular Data: Hepatocyte Antibody Concentration: 4.-8. ug/ml
Magnification: 4X



Sample Type : Embronic Stem cell H1 to HNF4 cell line

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