

GATA3 antibody - C-terminal region
Rabbit Polyclonal Antibody
Catalog # AI10379

Specification

GATA3 antibody - C-terminal region - Product Information

Application	WB, IHC
Primary Accession	P23771
Other Accession	NM_002051 , NP_002042
Reactivity	Human, Mouse, Rat, Pig, Sheep, Bovine, Horse, Dog
Predicted	Human, Mouse, Rat, Pig, Chicken, Sheep, Bovine, Guinea Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	48kDa KDa

GATA3 antibody - C-terminal region - 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.

GATA3 antibody - C-terminal region - 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.

GATA3 antibody - C-terminal region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)