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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 Cytomety
- Cell Culture