

GATA3 Antibody
Rabbit mAb
Catalog # AP91270

Specification

GATA3 Antibody - Product Information

Application **WB, IHC, FC, ICC, CHIP**
Primary Accession **[P23771](#)**
Clonality **Monoclonal**
Other Names
GATA-binding factor 3; GATA3;

Isotype **Rabbit IgG**
Host **Rabbit**
Calculated MW **47916 Da**

GATA3 Antibody - Additional Information

Purification **Affinity-chromatography**
Immunogen **A synthesized peptide derived from human GATA3**
Description **Transcriptional activator which binds to the enhancer of the T-cell receptor alpha and delta genes. Binds to the consensus sequence 5'-AGATAG-3'.**
Storage Condition and Buffer **Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.**

GATA3 Antibody - 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

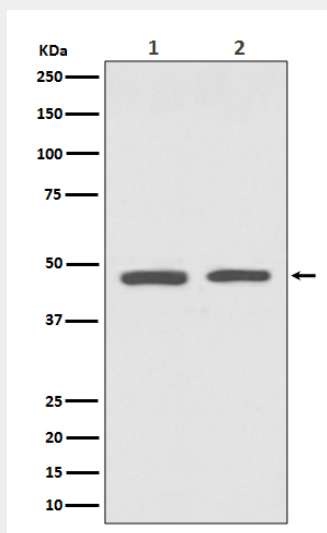
T-cells and endothelial cells.

GATA3 Antibody - 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](#)

GATA3 Antibody - Images



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