

## **Anti-GATA5 Antibody**

Rabbit polyclonal antibody to GATA5 Catalog # AP61536

# **Specification**

## **Anti-GATA5 Antibody - Product Information**

Application WB, IHC
Primary Accession Q9BWX5
Other Accession P97489

Reactivity Human, Mouse, Chicken, Bovine Rabbit

Clonality Polyclonal 41299

# **Anti-GATA5 Antibody - Additional Information**

### **Gene ID 140628**

#### **Other Names**

Transcription factor GATA-5; GATA-binding factor 5

### Target/Specificity

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human GATA5. The exact sequence is proprietary.

#### Dilution

WB~~WB (1/500 - 1/1000), IH (1/100 - 1/200) IHC~~1:100~500

#### **Format**

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

## **Storage**

Store at -20 °C. Stable for 12 months from date of receipt

## **Anti-GATA5 Antibody - Protein Information**

### Name GATA5 (HGNC:15802)

#### **Function**

Transcription factor required during cardiovascular development (PubMed:<a href="http://www.uniprot.org/citations/23289003" target="\_blank">23289003</a>). Plays an important role in the transcriptional program(s) that underlies smooth muscle cell diversity (By similarity). Binds to the functionally important CEF-1 nuclear protein binding site in the cardiac-specific slow/cardiac troponin C transcriptional enhancer (PubMed:<a href="http://www.uniprot.org/citations/25543888" target="\_blank">25543888</a>).



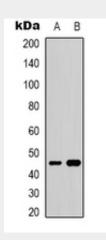
**Cellular Location** Nucleus.

# **Anti-GATA5 Antibody - Protocols**

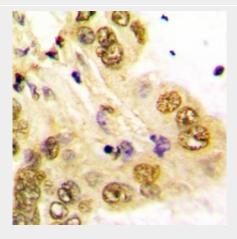
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

# **Anti-GATA5 Antibody - Images**



Western blot analysis of GATA5 expression in HepG2 (A), NIH3T3 (B) whole cell lysates.



Immunohistochemical analysis of GATA5 staining in human lung cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

### **Anti-GATA5 Antibody - Background**





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