

## Rabbit GATA6 Polyclonal Antibody | anti-GATA6 antibody

GATA6 Antibody

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                                                 |
|-----------|--------|-------------------|--------------------------------------------------------------|
| AAA321926 | Rabbit | Human, Mouse, Rat | ELISA, Immunocytochemistry, Immunofluorescence, Western Blot |

### PRODUCT SYNONYMS

GATA6; Polyclonal Antibody; GATA6 Antibody; Gata binding factor 6; Gata binding protein 6; GATA-binding factor 6; Gata6; GATA6\_HUMAN; Transcription factor Gata 6; Transcription factor GATA-6; anti-GATA6 antibody

### PRODUCT SPECIFICATIONS

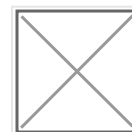
|                                                 |                                                                                               |
|-------------------------------------------------|-----------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                        |
| Reactivity                                      | Human, Mouse, Rat                                                                             |
| Clonality                                       | Polyclonal                                                                                    |
| Isotype                                         | IgG                                                                                           |
| Specificity                                     | GATA6 antibody detects endogenous levels of total GATA6                                       |
| Purity/Purification                             | The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin. |
| Form/Format                                     | Liquid<br>Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| Concentration                                   | 1mg/ml (varies by lot)                                                                        |
| Sequence Length                                 | 595                                                                                           |
| Applicable Applications for anti-GATA6 antibody | ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)                  |
| Immunogen                                       | A synthesized peptide derived from human GATA6                                                |
| Subcellular Location                            | Nucleus.                                                                                      |
| Tissue Specificity                              | Expressed in heart, gut and gut-derived tissues.                                              |
| Predicted Cross Reactivity                      | <b>Pig, Zebrafish, Bovine, Sheep, Chicken, Xenopus</b>                                        |
| Similarity                                      | Pig (100%), Zebrafish (100%), Bovine (100%), Sheep (100%), Chicken (100%), Xenopus (100%)     |
| Conjugation                                     | Unconjugated                                                                                  |
| Preparation and Storage                         | Store at -20 degree C. Stable for 12 months from date of receipt.                             |

### IMAGES



#### IF (Immunofluorescence)

AAA321926 staining 293 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



#### WB (Western Blot)

Western blot analysis of GATA6 expression in HeLa cells

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-GATA6 antibody | <p>Description: Thought to be important for regulating terminal differentiation and/or proliferation.</p> <p>Function: Transcriptional activator (PubMed:19666519, PubMed:27756709, PubMed:22750565, PubMed:22824924). Regulates SEMA3C and PLXNA2 (PubMed:19666519). Involved in gene regulation specifically in the gastric epithelium (PubMed:9315713). May regulate genes that protect epithelial cells from bacterial infection (PubMed:16968778). Involved in bone morphogenetic protein (BMP)-mediated cardiac-specific gene expression (By similarity). Binds to BMP response element (BMPRE) DNA sequences within cardiac activating regions (By similarity).</p> <p>Subunit Structure: Interacts with LMCD1.</p> <p>Similarity: The GATA-type zinc fingers mediate interaction with LMCD1.</p> |
|-----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                       |
|----------------------------------|---------------------------------------|
| NCBI GI #                        | 40288197                              |
| NCBI GeneID                      | 2627                                  |
| NCBI Accession #                 | NP_005248.2                           |
| NCBI GenBank Nucleotide #        | NM_005257.5                           |
| UniProt Accession #              | Q92908; P78327; B0YJ17                |
| Molecular Weight                 | Observed: 45 kDa<br>Predicted: 61 kDa |
| NCBI Official Full Name          | transcription factor GATA-6           |
| NCBI Official Synonym Full Names | GATA binding protein 6                |
| NCBI Official Symbol             | GATA6                                 |
| NCBI Protein Information         | transcription factor GATA-6           |
| UniProt Protein Name             | Transcription factor GATA-6           |
| UniProt Gene Name                | GATA6                                 |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/gata6-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/321926>