

## Rabbit GATA2 Polyclonal Antibody | anti-GATA2 antibody

GATA2 Polyclonal Antibody

|                              |                       |                                        |                                                           |
|------------------------------|-----------------------|----------------------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA36874</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot</b> |
|------------------------------|-----------------------|----------------------------------------|-----------------------------------------------------------|

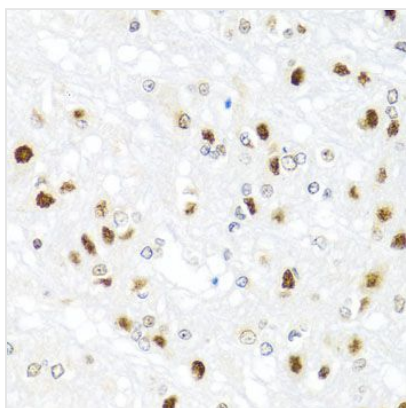
### PRODUCT SYNONYMS

GATA2; Polyclonal Antibody; GATA2 Polyclonal Antibody; FLJ45948; MGC2306; NFE1B; anti-GATA2 antibody

### PRODUCT SPECIFICATIONS

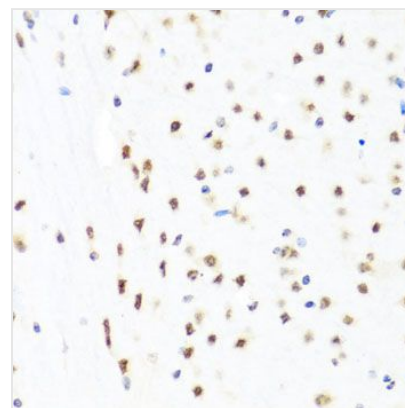
|                                                 |                                                                                                                                                       |
|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                                                |
| Reactivity                                      | Human, Mouse, Rat                                                                                                                                     |
| Clonality                                       | Polyclonal                                                                                                                                            |
| Isotype                                         | IgG                                                                                                                                                   |
| Purity/Purification                             | Affinity Purification                                                                                                                                 |
| Concentration                                   | 1mg/ml (varies by lot)                                                                                                                                |
| Sequence Length                                 | 480                                                                                                                                                   |
| Applicable Applications for anti-GATA2 antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                                                                         |
| Species                                         | Human                                                                                                                                                 |
| Immunogen                                       | Recombinant Protein                                                                                                                                   |
| Immunogen                                       | Recombinant protein of human GATA2                                                                                                                    |
| Calculated Molecular Weight                     | 49kDa                                                                                                                                                 |
| Preparation and Storage                         | Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles.<br>Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3. |

### IMAGES



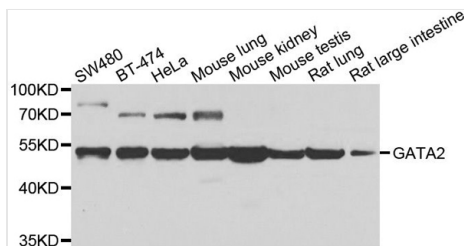
#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat brain using GATA2 antibody at dilution of 1:100 (40x lens).



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse brain using GATA2 antibody at dilution of 1:100 (40x lens).



#### WB (Western Blot)

Western blot analysis of extracts of various cell lines, using GATA2 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.

## ADDITIONAL INFORMATION

|                                                            |                                                                                                                                                                                                                                                                                                                                                                                                 |
|------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Related Product Information for anti-GATA2 antibody</b> | The zinc finger transcription factor GATA-2 is widely expressed and plays an essential role in many developmental processes (1). Studies on GATA-2 knockout mice indicate that this protein is required in hematopoiesis (2). GATA-2 also inhibits the differentiation of white (3) and brown adipocytes (4) and has been shown to suppress the proliferation of neuronal progenitor cells (5). |
| <b>Product Categories/Family for anti-GATA2 antibody</b>   | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                      |

## NCBI AND UNIPROT INFORMATION

|                                         |                                                |
|-----------------------------------------|------------------------------------------------|
| <b>NCBI GI #</b>                        | 229462971                                      |
| <b>NCBI GeneID</b>                      | 2624                                           |
| <b>UniProt Accession #</b>              | P23769; Q53YE0; Q96BH0; Q96BH8; Q9BUJ6; D3DNB3 |
| <b>Molecular Weight</b>                 | 480                                            |
| <b>NCBI Official Full Name</b>          | Endothelial transcription factor GATA-2        |
| <b>NCBI Official Synonym Full Names</b> | GATA binding protein 2                         |
| <b>NCBI Official Symbol</b>             | GATA2                                          |
| <b>NCBI Official Synonym Symbols</b>    | DCML; IMD21; NFE1B; MONOMAC                    |
| <b>NCBI Protein Information</b>         | endothelial transcription factor GATA-2        |
| <b>UniProt Protein Name</b>             | Endothelial transcription factor GATA-2        |
| <b>UniProt Gene Name</b>                | <b>GATA2</b>                                   |
| <b>UniProt Entry Name</b>               | GATA2_HUMAN                                    |

**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/gata2-antibody-immunohistochemistry-western-blot-elisa/36874>