

## GATA-2/3 Polyclonal Antibody

### Description

|                                |  |
|--------------------------------|--|
| <b>Product type</b>            | Primary Antibody   |
| <b>Code</b>                    | BT-AP03483   |
| <b>Host</b>                    | Rabbit   |
| <b>Isotype</b>                 | IgG  |
| <b>Size</b>                    | 20ul, 50ul, 100ul  |
| <b>Immunogen</b>               | The antiserum was produced against synthesized peptide derived from human GATA3. AA range:274-323  |
| <b>Mol wt</b>                  | 47916  |
| <b>Species reactivity</b>      | Human, Mouse   |
| <b>Clonality</b>               | Polyclonal   |
| <b>Recommended application</b> | WB, IHC-p, IF, ELISA   |
| <b>Concentration</b>           | 1 mg/ml  |
| <b>Full name</b>               | GATA-2/3 Antibody  |
| <b>Synonyms</b>                | GATA3; Trans-acting T-cell-specific transcription factor GATA-3; GATA-binding factor 3; GATA2; Endothelial transcription factor GATA-2; GATA-binding protein 2 |

**This product is for research use only, not for use in human, therapeutic or diagnostic procedure.**

### Background

GATA3 encodes GATA binding protein 3 which belongs to the GATA family of transcription factors. The protein contains two GATA-type zinc fingers and is an important regulator of T-cell development and plays an important role in endothelial cell biology. Defects in this gene are the cause of hypoparathyroidism with sensorineural deafness and renal dysplasia.

### Recommended Dilution

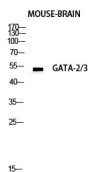
IHC: 1: 100 - 1: 300

IF: 1: 200 - 1: 1000

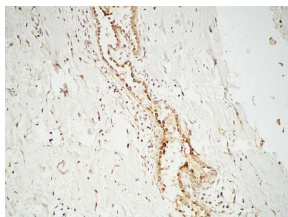
ELISA: 1: 5000

Not yet tested in other applications.

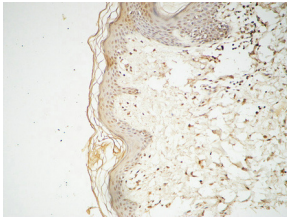
### Images



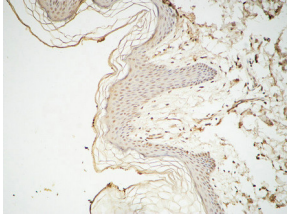
Western blot analysis of mouse-brain lysis using GATA-2/3 antibody. Antibody was diluted at 1:500 cells nucleus.



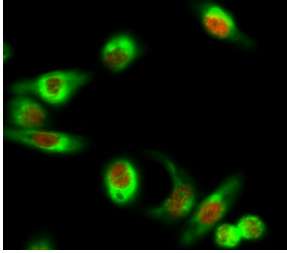
Immunohistochemical analysis of paraffin-embedded Human breast. 1, Antibody was diluted at 1:100(4° overnight). 2, High-pressure and temperature EDTA, pH8.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 30min).



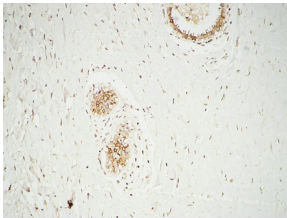
Immunohistochemical analysis of paraffin-embedded Human skin. 1, Antibody was diluted at 1:100(4° overnight). 2, High-pressure and temperature EDTA, pH8.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 30min).



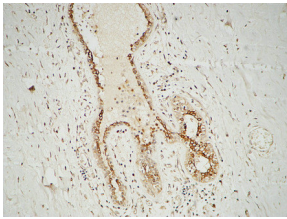
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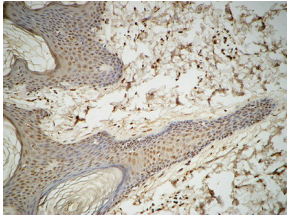
Immunofluorescence analysis of HeLa cell. 1,GATA-2/3 Polyclonal Antibody(red) was diluted at 1:200(4° overnight). HSP70 Monoclonal Antibody(3G10)(green) was diluted at 1:200(4° overnight). 2, Goat Anti Rabbit Alexa Fluor 594 was diluted at 1:1000(room temperature, 50min). Goat Anti Mouse Alexa Fluor 488 was diluted at 1:1000(room temperature, 50min).



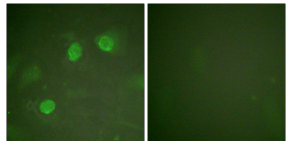
Immunohistochemical analysis of paraffin-embedded Human breast. 1, Antibody was diluted at 1:100(4° overnight). 2, High-pressure and temperature EDTA, pH8.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 30min).



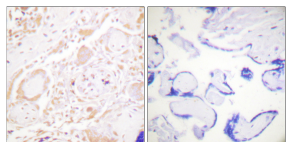
Immunohistochemical analysis of paraffin-embedded Human breast. 1, Antibody was diluted at 1:100(4° overnight). 2, High-pressure and temperature EDTA, pH8.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 30min).



Immunohistochemical analysis of paraffin-embedded Human skin. 1, Antibody was diluted at 1:100(4° overnight). 2, High-pressure and temperature EDTA, pH8.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 30min).



Immunofluorescence analysis of HeLa cells, using GATA3 Antibody. The picture on the right is blocked with the synthesized peptide.



Immunohistochemistry analysis of paraffin-embedded human placenta tissue, using GATA3 Antibody. The picture on the right is blocked with the synthesized peptide.

## Storage

-20°C for one year

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