

## Rabbit GATA3 Polyclonal Antibody | anti-GATA3 antibody

Anti-GATA3 (pS308) Phospho Antibody

| CATALOG # | HOST   | REACTIVITY                                        | APPLICATIONS                                          |
|-----------|--------|---------------------------------------------------|-------------------------------------------------------|
| AAA259786 | Rabbit | Human, Mouse, Bovine, Chicken, Porcine, Zebrafish | Immunocytochemistry, Immunofluorescence, Western Blot |

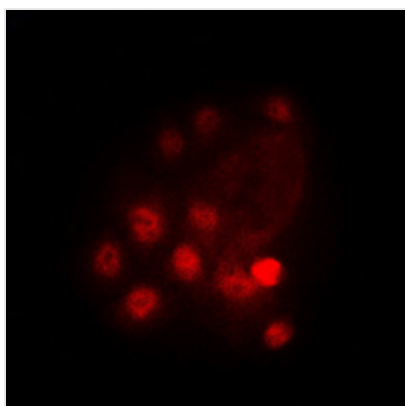
### PRODUCT SYNONYMS

GATA3; Polyclonal Antibody; Anti-GATA3 (pS308) Phospho Antibody; Trans-acting T-cell-specific transcription factor GATA-3; GATA-binding factor 3; anti-GATA3 antibody

### PRODUCT SPECIFICATIONS

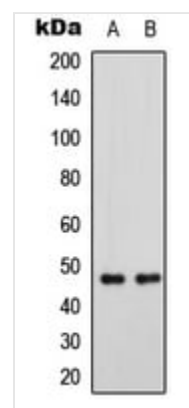
|                                                 |                                                                                                                                              |
|-------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                                       |
| Reactivity                                      | Human, Mouse, Bovine, Chicken, Porcine, Zebrafish                                                                                            |
| Clonality                                       | Polyclonal                                                                                                                                   |
| Specificity                                     | Recognizes endogenous levels of GATA3 (pS308) protein.                                                                                       |
| Purity/Purification                             | The antibody was purified by immunogen affinity chromatography.                                                                              |
| Form/Format                                     | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.                                    |
| Sequence Length                                 | 444                                                                                                                                          |
| Applicable Applications for anti-GATA3 antibody | ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)                                                                        |
| Immunogen                                       | KLH-conjugated synthetic peptide encompassing a sequence within the center region of human GATA3 (pS308). The exact sequence is proprietary. |
| Preparation and Storage                         | Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.                               |

### IMAGES



#### IF (Immunofluorescence)

Immunofluorescent analysis of GATA3 (pS308) staining in HuvEc cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).



#### WB (Western Blot)

Western blot analysis of GATA3 (pS308) expression in SHSY5Y (A), mouse brain (B) whole cell lysates.

ADDITIONAL INFORMATION

|                                                     |                                             |
|-----------------------------------------------------|---------------------------------------------|
| Related Product Information for anti-GATA3 antibody | Rabbit polyclonal antibody to GATA3 (pS308) |
|-----------------------------------------------------|---------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                    |
|----------------------------------|--------------------------------------------------------------------|
| NCBI GI #                        | 50541959                                                           |
| NCBI GeneID                      | 2625                                                               |
| NCBI Accession #                 | NP_001002295.1                                                     |
| NCBI GenBank Nucleotide #        | NM_001002295.1                                                     |
| UniProt Accession #              | P23771; Q5VWG7; Q5VWG8; Q96J16                                     |
| Molecular Weight                 | 48,045 Da                                                          |
| NCBI Official Full Name          | trans-acting T-cell-specific transcription factor GATA-3 isoform 1 |
| NCBI Official Synonym Full Names | GATA binding protein 3                                             |
| NCBI Official Symbol             | GATA3                                                              |
| NCBI Official Synonym Symbols    | HDR; HDRS                                                          |
| NCBI Protein Information         | trans-acting T-cell-specific transcription factor GATA-3           |
| UniProt Protein Name             | Trans-acting T-cell-specific transcription factor GATA-3           |
| UniProt Gene Name                | GATA3                                                              |
| UniProt Entry Name               | GATA3_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.