

## Rabbit STAT3 Polyclonal Antibody | anti-STAT3 antibody

Rabbit anti-STAT3 Antibody

|                               |                       |                                                          |                                                           |
|-------------------------------|-----------------------|----------------------------------------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA223311</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat, Bovine, Dog, Pig</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------------------------------------|-----------------------------------------------------------|

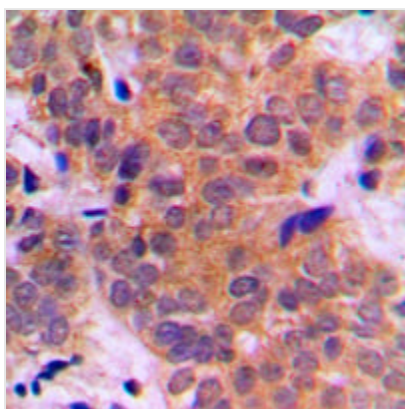
### PRODUCT SYNONYMS

STAT3; Polyclonal Antibody; Rabbit anti-STAT3 Antibody; APRF; Signal transducer and activator of transcription 3; Acute-phase response factor; anti-STAT3 antibody

### PRODUCT SPECIFICATIONS

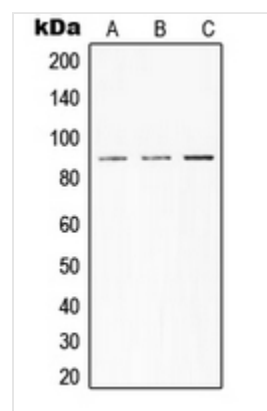
|                                                 |                                                                                                                                      |
|-------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                               |
| Reactivity                                      | Human, Mouse, Rat, Bovine, Dog, Pig                                                                                                  |
| Clonality                                       | Polyclonal                                                                                                                           |
| 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.                            |
| Concentration                                   | 1mg/mL (varies by lot)                                                                                                               |
| Applicable Applications for anti-STAT3 antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                                                        |
| Immunogen                                       | KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human STAT3. The exact sequence is proprietary. |
| Preparation and Storage                         | Store at -20 degree C. Avoid repeated freeze/thaw cycles.                                                                            |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemical analysis of STAT3 staining in human breast 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.



#### WB (Western Blot)

Western blot analysis of STAT3 expression in HepG2 (A), Raw264.7 (B), H9C2 (C) whole cell lysates.

ADDITIONAL INFORMATION

|                                                   |                    |
|---------------------------------------------------|--------------------|
| Product Categories/Family for anti-STAT3 antibody | Primary antibodies |
|---------------------------------------------------|--------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                           |
|----------------------------------|-----------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 21618338                                                                                                  |
| NCBI GeneID                      | 6774                                                                                                      |
| NCBI Accession #                 | NP_003141.2                                                                                               |
| NCBI GenBank Nucleotide #        | NM_003150.3                                                                                               |
| UniProt Accession #              | P40763; P42227; P52631                                                                                    |
| Molecular Weight                 | 88,068 Da                                                                                                 |
| NCBI Official Full Name          | signal transducer and activator of transcription 3 isoform 2                                              |
| NCBI Official Synonym Full Names | signal transducer and activator of transcription 3 (acute-phase response factor)                          |
| NCBI Official Symbol             | STAT3                                                                                                     |
| NCBI Official Synonym Symbols    | APRF; HIES                                                                                                |
| NCBI Protein Information         | signal transducer and activator of transcription 3; DNA-binding protein APRF; acute-phase response factor |
| UniProt Protein Name             | Signal transducer and activator of transcription 3                                                        |
| UniProt Gene Name                | <b>STAT3</b>                                                                                              |
| UniProt Synonym Gene Names       | APRF                                                                                                      |
| UniProt Entry Name               | STAT3_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://www.aaabiotech.com/polyclonal/stat3-antibody-immunohistochemistry-western-blot-elisa/223311>