

## Rabbit STAT1 Polyclonal Antibody | anti-STAT1 antibody

Anti-STAT1 Antibody

| CATALOG # | HOST   | REACTIVITY                                          | APPLICATIONS                                            |
|-----------|--------|-----------------------------------------------------|---------------------------------------------------------|
| AAA105100 | Rabbit | Human, Rat, Bovine, Dog, Monkey, Pig, Rabbit, Sheep | Immunoprecipitation, Immunohistochemistry, Western Blot |

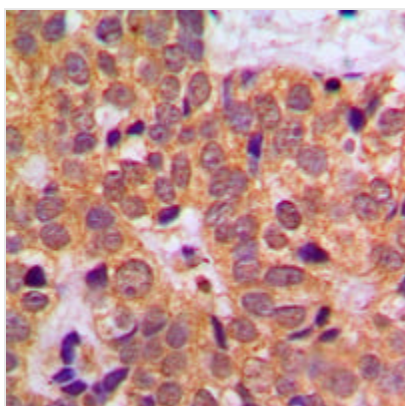
### PRODUCT SYNONYMS

STAT1; Polyclonal Antibody; Anti-STAT1 Antibody; Signal transducer and activator of transcription 1-alpha/beta; Transcription factor ISGF-3 components p91/p84; anti-STAT1 antibody

### PRODUCT SPECIFICATIONS

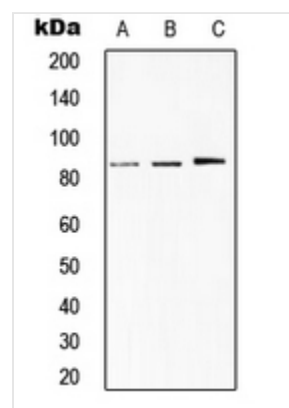
|                                                 |                                                                                                                                      |
|-------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                               |
| Reactivity                                      | Human, Rat, Bovine, Dog, Monkey, Pig, Rabbit, Sheep                                                                                  |
| Clonality                                       | Polyclonal                                                                                                                           |
| Specificity                                     | Recognizes endogenous levels of STAT1 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                                 | 750                                                                                                                                  |
| Applicable Applications for anti-STAT1 antibody | IP (Immunoprecipitation), IHC (Immunohistochemistry), WB (Western Blot)                                                              |
| Immunogen                                       | KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human STAT1. 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



#### IHC (Immunohistochemistry)

Immunohistochemical analysis of STAT1 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 STAT1 expression in HeLa (A), MCF7 (B), H9C2 (C) whole cell lysates.

ADDITIONAL INFORMATION

|                                                     |                                     |
|-----------------------------------------------------|-------------------------------------|
| Related Product Information for anti-STAT1 antibody | Rabbit polyclonal antibody to STAT1 |
|-----------------------------------------------------|-------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                                             |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 6274552                                                                                                                                                                                                                     |
| NCBI GeneID                      | 6772                                                                                                                                                                                                                        |
| NCBI Accession #                 | NP_009330.1                                                                                                                                                                                                                 |
| NCBI GenBank Nucleotide #        | NM_007315.3                                                                                                                                                                                                                 |
| UniProt Accession #              | P42224; Q53S88; Q53XW4; Q68D00; Q9UDL5; A8K989; B2RCA0; D2KFR8; D3DPI7                                                                                                                                                      |
| Molecular Weight                 | 83,043 Da                                                                                                                                                                                                                   |
| NCBI Official Full Name          | signal transducer and activator of transcription 1-alpha/beta isoform alpha                                                                                                                                                 |
| NCBI Official Synonym Full Names | signal transducer and activator of transcription 1, 91kDa                                                                                                                                                                   |
| NCBI Official Symbol             | STAT1                                                                                                                                                                                                                       |
| NCBI Official Synonym Symbols    | CANDF7; IMD31A; IMD31B; IMD31C; ISGF-3; STAT91                                                                                                                                                                              |
| NCBI Protein Information         | signal transducer and activator of transcription 1-alpha/beta; transcription factor ISGF-3 components p91/p84; signal transducer and activator of transcription-1; signal transducer and activator of transcription 1, 91kD |
| UniProt Protein Name             | Signal transducer and activator of transcription 1-alpha/beta                                                                                                                                                               |
| UniProt Gene Name                | STAT1                                                                                                                                                                                                                       |
| UniProt Entry Name               | STAT1_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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