

## STAT4 Antibody | anti-STAT4 antibody

STAT4 (Phospho-Tyr693) Antibody

|                               |                                        |                                                           |
|-------------------------------|----------------------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA111070</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot</b> |
|-------------------------------|----------------------------------------|-----------------------------------------------------------|

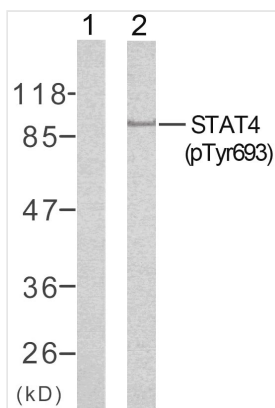
### PRODUCT SYNONYMS

STAT4; STAT4 (Phospho-Tyr693) Antibody; anti-STAT4 antibody

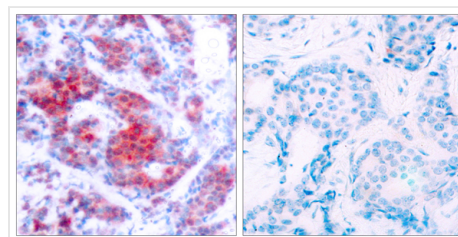
### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                                                                                                                                                     |
|-------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity                                      | Human, Mouse, Rat                                                                                                                                                                                                                                   |
| Specificity                                     | STAT4 (phospho-Tyr693) antibody detects endogenous levels of STAT4 only when phosphorylated at tyrosine 693.                                                                                                                                        |
| Purity/Purification                             | Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site. |
| Form/Format                                     | In phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.                                                                                                             |
| Sequence Length                                 | 748                                                                                                                                                                                                                                                 |
| Applicable Applications for anti-STAT4 antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                                                                                                                                                                       |
| Immunogen                                       | The antiserum was produced against synthesized phosphopeptide derived from human STAT4 around the phosphorylation site of tyrosine 693 (K-G-YP-V-P).                                                                                                |
| Preparation and Storage                         | Store at -20 degree C for 1 year                                                                                                                                                                                                                    |

### IMAGES


**WB (Western Blot)**

Western blot analysis of extracts from HeLa cells using STAT4 (phospho-Tyr693) antibody.


**IHC (Immunohistochemistry)**

P-Peptide+ Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using STAT4 (phospho-Tyr693) antibody.

### ADDITIONAL INFORMATION

|                                                   |                                                                                                                                                                                                                   |
|---------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Categories/Family for anti-STAT4 antibody | Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells |
| References                                        | Strausberg R L, et al. (2002) Proc Natl Acad Sci U S A. 99(26):16899-16903.                                                                                                                                       |

NCBI AND UNIPROT INFORMATION

|                                  |                                                    |
|----------------------------------|----------------------------------------------------|
| NCBI GI #                        | 345110660                                          |
| NCBI GeneID                      | 6775                                               |
| NCBI Accession #                 | NP_001230764.1                                     |
| NCBI GenBank Nucleotide #        | NM_001243835.1                                     |
| UniProt Accession #              | Q14765; Q96NZ6                                     |
| Molecular Weight                 | 85,941 Da                                          |
| NCBI Official Full Name          | signal transducer and activator of transcription 4 |
| NCBI Official Synonym Full Names | signal transducer and activator of transcription 4 |
| NCBI Official Symbol             | STAT4                                              |
| NCBI Official Synonym Symbols    | SLEB11                                             |
| NCBI Protein Information         | signal transducer and activator of transcription 4 |
| UniProt Protein Name             | Signal transducer and activator of transcription 4 |
| UniProt Gene Name                | STAT4                                              |

**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/human-mouse-rat-antibody/stat4/111070>