

## Rabbit STAT5A Polyclonal Antibody | anti-STAT5A antibody

STAT5A (Phospho-Tyr694) Antibody

|                               |                       |                                        |                                                           |
|-------------------------------|-----------------------|----------------------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA305313</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------------------|-----------------------------------------------------------|

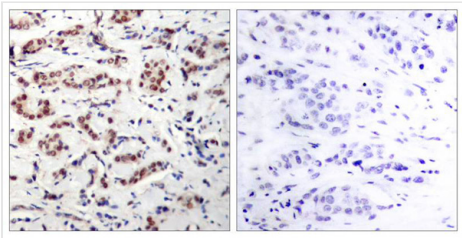
### PRODUCT SYNONYMS

STAT5A; Polyclonal Antibody; STAT5A (Phospho-Tyr694) Antibody; MGF; MPF; Mammary gland factor; STA5A; ; STAT5; anti-STAT5A antibody

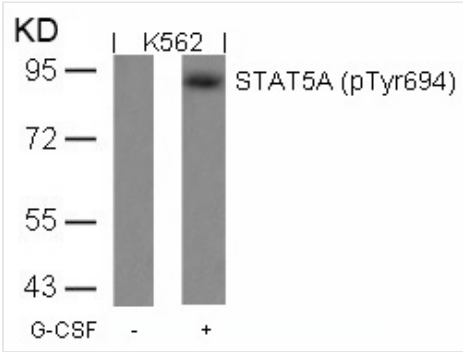
### PRODUCT SPECIFICATIONS

|                                                  |                                                                                                                                                                                                                                                                  |
|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                                                                                                                                                                                           |
| Reactivity                                       | Human, Mouse, Rat                                                                                                                                                                                                                                                |
| Clonality                                        | Polyclonal                                                                                                                                                                                                                                                       |
| Specificity                                      | The antibody detects endogenous level of STAT5A only when phosphorylated at tyrosine 694.                                                                                                                                                                        |
| Purity/Purification                              | Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using |
| Form/Format                                      | Supplied at 1.0mg/mL 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.                                                                                                     |
| Concentration                                    | 1.0 mg/ml (varies by lot)                                                                                                                                                                                                                                        |
| Sequence Length                                  | 794                                                                                                                                                                                                                                                              |
| Applicable Applications for anti-STAT5A antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                                                                                                                                                                                    |
| Immunogen Type                                   | Peptide-KLH                                                                                                                                                                                                                                                      |
| Immunogen Description                            | Peptide sequence around phosphorylation site of tyrosine 694 (D-G-Y(p)-V-K) derived from Human STAT5A.                                                                                                                                                           |
| Modification                                     | Phospho-Tyr694                                                                                                                                                                                                                                                   |
| Target Name                                      | STAT5a                                                                                                                                                                                                                                                           |
| Preparation and Storage                          | Store at -20 degree C for long term preservation (recommended). Store at 4 degree C for short term use.                                                                                                                                                          |

IMAGES



**IHC (Immunohistochemistry)**  
Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using STAT5A(Phospho-Tyr694) Antibody (left) or the same antibody preincubated with blocking peptide(right).



**WB (Western Blot)**  
Western blot analysis of extracts from K562 cells untreated or treated with G-CSF using STAT5A(Phospho-Tyr694) Antibody.

ADDITIONAL INFORMATION

|                                                      |                                                                                                                                                     |
|------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-STAT5A antibody | Carries out a dual function: signal transduction and activation of transcription. Binds to the GAS element and activates PRL-induced transcription. |
| Product Categories/Family for anti-STAT5A antibody   | Phospho-specific Ab                                                                                                                                 |

NCBI AND UNIPROT INFORMATION

|                                  |                                                               |
|----------------------------------|---------------------------------------------------------------|
| NCBI GI #                        | 570359553                                                     |
| NCBI GeneID                      | 6776                                                          |
| NCBI Accession #                 | NP_001275647.1                                                |
| NCBI GenBank Nucleotide #        | NM_001288718.1                                                |
| UniProt Accession #              | P42229; Q1KLZ6                                                |
| Molecular Weight                 | 86,949 Da                                                     |
| NCBI Official Full Name          | signal transducer and activator of transcription 5A isoform 1 |
| NCBI Official Synonym Full Names | signal transducer and activator of transcription 5A           |
| NCBI Official Symbol             | STAT5A                                                        |
| NCBI Official Synonym Symbols    | MGF; STAT5                                                    |
| NCBI Protein Information         | signal transducer and activator of transcription 5A           |
| UniProt Protein Name             | Signal transducer and activator of transcription 5A           |
| UniProt Gene Name                | STAT5A                                                        |
| UniProt Synonym Gene Names       | STAT5                                                         |
| UniProt Entry Name               | STA5A_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.