

## Rabbit STAT5B Polyclonal Antibody | anti-STAT5B antibody

STAT5B (Phospho-Ser731) Antibody

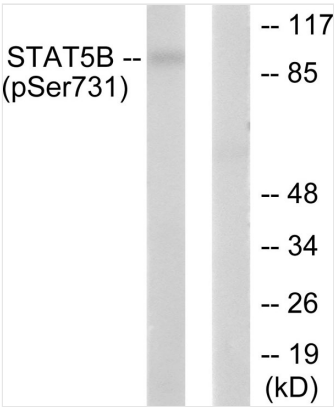
| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                              |
|-----------|--------|-------------------|-------------------------------------------|
| AAA316120 | Rabbit | Human, Mouse, Rat | ELISA, Immunohistochemistry, Western Blot |

### PRODUCT SYNONYMS

STAT5B; Polyclonal Antibody; STAT5B (Phospho-Ser731) Antibody; anti-STAT5B antibody

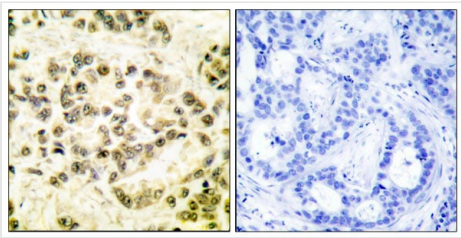
### PRODUCT SPECIFICATIONS

|                                                  |                                                                                                                                                                                                  |
|--------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                                                                                                                           |
| Reactivity                                       | Human, Mouse, Rat                                                                                                                                                                                |
| Clonality                                        | Polyclonal                                                                                                                                                                                       |
| Specificity                                      | STAT5B (Phospho-Ser731) Antibody detects endogenous levels of STAT5B only when phosphorylated at Ser731.                                                                                         |
| Purity/Purification                              | Purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide. |
| Form/Format                                      | Rabbit IgG 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 mg/ml (varies by lot)                                                                                                                                                                          |
| Sequence Length                                  | 787                                                                                                                                                                                              |
| Applicable Applications for anti-STAT5B antibody | ELISA, IHC (Immunohistochemistry), WB (Western Blot)                                                                                                                                             |
| Target Modification                              | Phospho                                                                                                                                                                                          |
| Modification Sites                               | H:S731; M:S730; R:S730                                                                                                                                                                           |
| Immunogen                                        | The antiserum was produced against synthesized peptide derived from human STAT5B around the phosphorylation site of Ser731.                                                                      |
| Immunogen Range                                  | 697-746                                                                                                                                                                                          |
| Preparation and Storage                          | Stable at -20 degree C for at least 1 year.                                                                                                                                                      |



WB (Western Blot)

Western blot analysis of lysates from RAW264.7 cells treated with EGF 200ng/ml 30', using STAT5B (Phospho-Ser731) Antibody. The lane on the right is blocked with the phospho peptide.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human breast carcinoma, using STAT5B (Phospho-Ser731) Antibody. The picture on the right is blocked with the phospho peptide.

NCBI AND UNIPROT INFORMATION

|                                  |                                                     |
|----------------------------------|-----------------------------------------------------|
| NCBI GI #                        | 21618344                                            |
| NCBI GeneID                      | 6777                                                |
| NCBI Accession #                 | NP_036580.2                                         |
| NCBI GenBank Nucleotide #        | NM_012448.3                                         |
| UniProt Accession #              | P51692; Q8WWS8                                      |
| Molecular Weight                 | 89 kDa                                              |
| NCBI Official Full Name          | signal transducer and activator of transcription 5B |
| NCBI Official Synonym Full Names | signal transducer and activator of transcription 5B |
| NCBI Official Symbol             | STAT5B                                              |
| NCBI Official Synonym Symbols    | STAT5                                               |
| NCBI Protein Information         | signal transducer and activator of transcription 5B |
| UniProt Protein Name             | Signal transducer and activator of transcription 5B |
| UniProt Gene Name                | STAT5B                                              |

**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.