

## Rabbit STAT5B Polyclonal Antibody | anti-STAT5B antibody

STAT5B Polyclonal Antibody

|                               |                       |                                        |                                                                  |
|-------------------------------|-----------------------|----------------------------------------|------------------------------------------------------------------|
| CATALOG #<br><b>AAA169901</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot, ELISA</b> |
|-------------------------------|-----------------------|----------------------------------------|------------------------------------------------------------------|

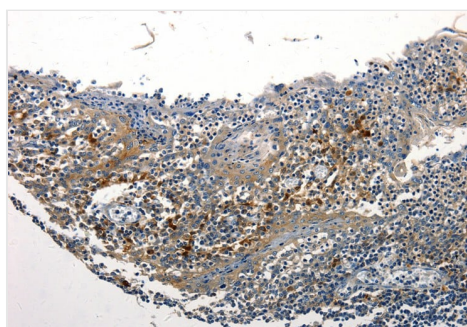
### PRODUCT SYNONYMS

STAT5B; Polyclonal Antibody; STAT5B Polyclonal Antibody; STAT5; anti-STAT5B antibody

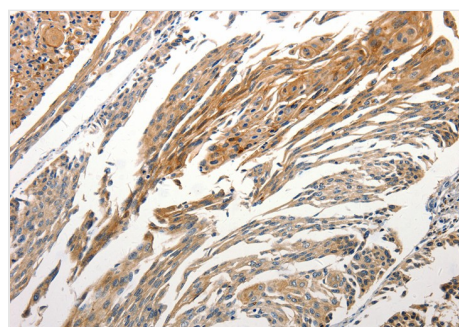
### PRODUCT SPECIFICATIONS

|                                                  |                                                                                           |
|--------------------------------------------------|-------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                    |
| Reactivity                                       | Human, Mouse, Rat                                                                         |
| Clonality                                        | Polyclonal                                                                                |
| Isotype                                          | IgG                                                                                       |
| Purity/Purification                              | Antigen affinity purification                                                             |
| Concentration                                    | 0.7mg/mL (varies by lot)                                                                  |
| Sequence Length                                  | 787                                                                                       |
| Applicable Applications for anti-STAT5B antibody | IHC (Immunohistochemistry), WB (Western Blot), ELISA                                      |
| Immunogen                                        | Recombinant protein of human STAT5B                                                       |
| Buffer                                           | PBS with 0.05% sodium azide, 50% glycerol, pH7.3                                          |
| Preparation and Storage                          | Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles. |

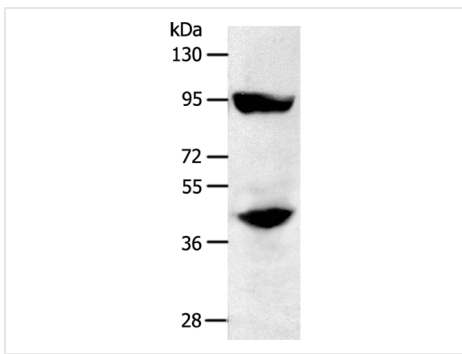
### IMAGES


**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded Human tonsil using STAT5B Polyclonal Antibody at dilution of 1:25


**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded Human cervical cancer using STAT5B Polyclonal Antibody at dilution of 1:25



**WB (Western Blot)**

Western Blot analysis of SKOV3 cell using STAT5B Polyclonal Antibody at dilution of 1:200

## ADDITIONAL INFORMATION

|                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Related Product Information for anti-STAT5B antibody</b> | The protein encoded by this gene is a member of the STAT family of transcription factors. In response to cytokines and growth factors, STAT family members are phosphorylated by the receptor associated kinases, and then form homo- or heterodimers that translocate to the cell nucleus where they act as transcription activators. This protein mediates the signal transduction triggered by various cell ligands, such as IL2, IL4, CSF1, and different growth hormones. It has been shown to be involved in diverse biological processes, such as TCR signaling, apoptosis, adult mammary gland development, and sexual dimorphism of liver gene expression. This gene was found to fuse to retinoic acid receptor-alpha (RARA) gene in a small subset of acute promyelocytic leukemias (APLL). The dysregulation of the signaling pathways mediated by this protein may be the cause of the APLL. |
| <b>Product Categories/Family for anti-STAT5B antibody</b>   | Cancer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

## NCBI AND UNIPROT INFORMATION

|                                         |                                                                                  |
|-----------------------------------------|----------------------------------------------------------------------------------|
| <b>NCBI GI #</b>                        | 21618344                                                                         |
| <b>NCBI GeneID</b>                      | 6777                                                                             |
| <b>NCBI Accession #</b>                 | NP_036580.2                                                                      |
| <b>NCBI GenBank Nucleotide #</b>        | NM_012448.3                                                                      |
| <b>Molecular Weight</b>                 | 89,866 Da                                                                        |
| <b>NCBI Official Full Name</b>          | signal transducer and activator of transcription 5B                              |
| <b>NCBI Official Synonym Full Names</b> | signal transducer and activator of transcription 5B                              |
| <b>NCBI Official Symbol</b>             | STAT5B                                                                           |
| <b>NCBI Official Synonym Symbols</b>    | STAT5                                                                            |
| <b>NCBI Protein Information</b>         | signal transducer and activator of transcription 5B; transcription factor STAT5B |
| <b>UniProt Protein Name</b>             | Signal transducer and activator of transcription 5B                              |
| <b>UniProt Gene Name</b>                | <b>STAT5B</b>                                                                    |
| <b>UniProt Entry Name</b>               | STA5B_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)

Online datasheet: <https://stage.aaabiotech.com/polyclonal/stat5b-antibody-immunohistochemistry-western-blot-elisa/169901>