

## Anti-STAT5B antibody (594-794) (STJ114234)

STJ114234

### GENERAL INFORMATION

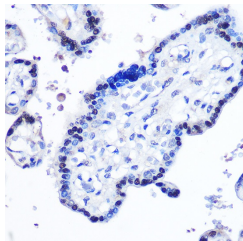
|                          |                    |
|--------------------------|--------------------|
| <b>Product Type</b>      | Primary antibodies |
| <b>Short Description</b> |                    |
| <b>Applications</b>      | WB/IHC-P/ELISA     |
| <b>Host/Source</b>       | Rabbit             |
| <b>Reactivity</b>        | Human/Mouse        |

### PRODUCT PROPERTIES

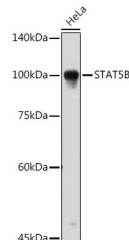
|                            |                                                                                                                                                       |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Clonality</b>           | Polyclonal                                                                                                                                            |
| <b>Clone ID</b>            |                                                                                                                                                       |
| <b>Concentration</b>       | Lot specific                                                                                                                                          |
| <b>Conjugation</b>         | Unconjugated                                                                                                                                          |
| <b>Purification</b>        | Affinity purification                                                                                                                                 |
| <b>Dilution</b>            | WB:1:500-1:2000                                                                                                                                       |
| <b>Range</b>               | IHC-P:1:50-1:200<br>ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements. |
| <b>Formulation</b>         | PBS with 0.01% Thimerosal, 50% Glycerol, pH 7.3.                                                                                                      |
| <b>Isotype</b>             | IgG                                                                                                                                                   |
| <b>Storage Instruction</b> | Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.                                                        |

### TARGET INFORMATION

|                           |                                                                                                                                                                                                                      |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene ID</b>            | 6777                                                                                                                                                                                                                 |
| <b>Gene Symbol</b>        | STAT5B                                                                                                                                                                                                               |
| <b>Uniprot ID</b>         | STA5B_HUMAN                                                                                                                                                                                                          |
| <b>Immunogen</b>          |                                                                                                                                                                                                                      |
| <b>Immunogen Region</b>   | 594-794                                                                                                                                                                                                              |
| <b>Specificity</b>        | A synthetic peptide corresponding to a sequence within amino acids 594-794 of human STAT5B (NP_003143.2).                                                                                                            |
| <b>Immunogen Sequence</b> | ILGFVNKQQAHDLLINKPDG TFLRFSDSEIGGITIAWKF DPERNLWNLKPFTTRDFSI RSLADRLGDLSTLYVFPDR<br>PKDEVFSKYYPVLAKAVDG YVKPQIKQVPEFVNASADA GGSSATYMDQAPSPAVCPQA PYNMYPQNPDPVLDQDGEFD<br>LDETMDEVARHVEELLRRPMD SLDSRLSPAGLFTSARGSL S |



Immunohistochemistry analysis of STAT5B in paraffin-embedded human placenta using STAT5B Rabbit polyclonal antibody (STJ114234) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer, pH 7.2 before commencing with immunohistochemistry staining protocol.



Western blot analysis of lysates from HeLa cells, using STAT5B Rabbit polyclonal antibody (STJ114234) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJ5000856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 180s.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.

St John's Laboratory Ltd, Knowledge Dock Business Centre, University Way, London, E16 2RD | Tel: 0208 223 3081