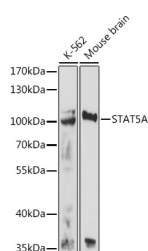


## STAT5A Polyclonal Antibody

|                     |   |                   |        |
|---------------------|---|-------------------|--------|
| <b>Catalog No.</b>  | E-AB-63594                                  | <b>Reactivity</b> | H,M    |
| <b>Storage</b>      | Store at -20°C. Avoid freeze / thaw cycles. | <b>Host</b>       | Rabbit |
| <b>Applications</b> | WB  | <b>Isotype</b>    | IgG    |

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

### Images



Western blot analysis of extracts of various cell lines using STAT5A Polyclonal Antibody at 1:500 dilution.

### Immunogen Information

|                  |  |
|------------------|--|
| <b>Immunogen</b> | Recombinant fusion protein of human STAT5A |
| <b>GeneID</b>    | 6776                                       |
| <b>Swissprot</b> | P42229                                     |
| <b>Synonyms</b>  | MGF,STAT5,STAT5A                           |

### Product Information

|                      |   |
|----------------------|---|
| <b>Calculated MW</b> | 86kDa/90kDa                                   |
| <b>Observed MW</b>   | 100KDa  |
| <b>Buffer</b>        | PBS with 0.01% thiomersal,50% glycerol,pH7.3. |
| <b>Purify</b>        | Affinity purification                         |
| <b>Dilution</b>      | WB 1:500-1:2000                               |

### Background

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 is activated by, and mediates the responses of many cell ligands, such as IL2, IL3, IL7 GM-CSF, erythropoietin, thrombopoietin, and different growth hormones. Activation of this protein in myeloma and lymphoma associated with a TEL/JAK2 gene fusion is independent of cell stimulus and has been shown to be essential for tumorigenesis. The mouse counterpart of this gene is found to induce the expression of BCL2L1/BCL-X(L), which suggests the antiapoptotic function of this gene in cells. Alternatively spliced transcript variants have been found for this gene.

#### For Research Use Only

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Applications:WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.