

## STAT5A Antibody

Catalog No: #33769

Package Size: #33769-1 50ul #33769-2 100ul

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

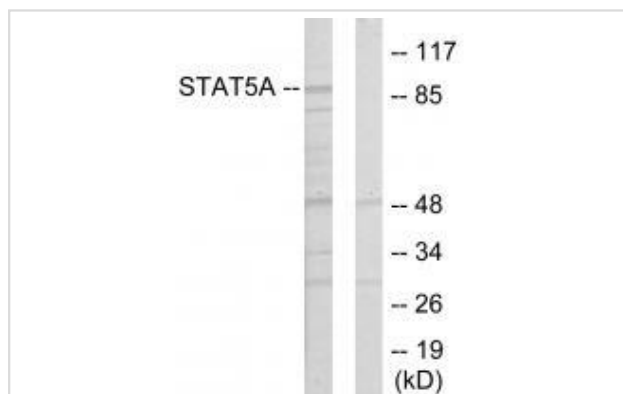
## Description

|                       |                                                                                                                                                    |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name          | STAT5A Antibody                                                                                                                                    |
| Host Species          | Rabbit                                                                                                                                             |
| Clonality             | Polyclonal                                                                                                                                         |
| Purification          | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.                              |
| Applications          | WB                                                                                                                                                 |
| Species Reactivity    | Hu Ms Rt                                                                                                                                           |
| Specificity           | The antibody detects endogenous levels of total STAT5A protein.                                                                                    |
| Immunogen Type        | Peptide                                                                                                                                            |
| Immunogen Description | Synthesized peptide derived from internal of human STAT5A.                                                                                         |
| Target Name           | STAT5A                                                                                                                                             |
| Other Names           | MGF; MPF; Mammary gland factor; STA5A; STAT5                                                                                                       |
| Accession No.         | Swiss-Prot: P42229NCBI Gene ID: 6776                                                                                                               |
| Uniprot               | P42229                                                                                                                                             |
| GeneID                | 6776;                                                                                                                                              |
| SDS-PAGE MW           | 90kd                                                                                                                                               |
| Concentration         | 1.0mg/ml                                                                                                                                           |
| Formulation           | 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. |
| Storage               | Store at -20°C                                                                                                                                     |

## Application Details

Western blotting: 1:500~1:3000

## Images



Western blot analysis of extracts from 293 cells, using STAT5A antibody #33769.

## Background

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Carries out a dual function: signal transduction and activation of transcription. Mediates cellular responses to the cytokine KITLG/SCF and other growth factors. Mediates cellular responses to ERBB4. May mediate cellular responses to activated FGFR1, FGFR2, FGFR3 and FGFR4. Binds to the GAS element and activates PRL-induced transcription. Regulates the expression of milk proteins during lactation.

Hou J., Immunity 2:321-329(1995).

Litterst C.M., J. Biol. Chem. 278:45340-45351(2003).

Martens N., J. Biol. Chem. 280:13817-13823(2005).

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Note: This product is for in vitro research use only