

## ARG30214 Phospho STAT5A Antibody Duo (Total, pY694)

Package: 1 pair  
Store at: -20°C

### Component

Cat. No.	Component Name	Host clonality	Reactivity	Application	Package
ARG51552	anti-STAT5A phospho (Tyr694) antibody	Rabbit pAb	Hu, Ms, Rat	IHC-P, WB	50 µl
ARG65593	anti-STAT5A antibody	Rabbit pAb	Hu	IHC-P, WB	50 µl

### Summary

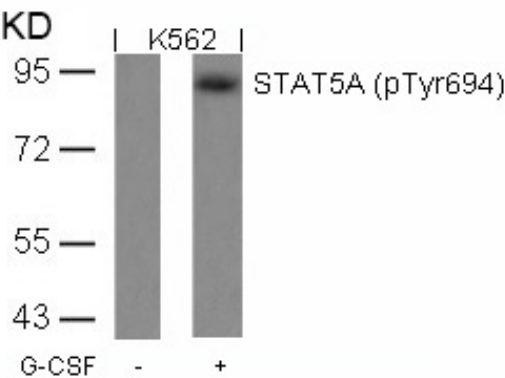
Product Description	STAT5A belongs to STAT family of transcription factors which can be activated by various stimuli such as cytokines and growth factors, including IL-2, GM-CSF, Erythropoietin and Thrombopoietin. The phosphorylation of STAT5A at Tyr694 residue by SRS Kinase upon Erythropoietin stimulation triggers its activation and is responsible for EPO-induced signal transduction. STAT5A phosphorylation can also be induced by Prolactin to increase its DNA binding and transcription ability. Lin and Leonard. 2000. Oncogene 19(21):2566 Okutani et al. 2001. Oncogene 20(45):6643 Gouilleux et al. 1994. EMBO J 13(18):4361-9
Target Name	STAT5A
Alternate Names	Phospho STAT5A antibody; Phospho Signal transducer and activator of transcription 5A antibody; STAT5A phospho (Tyr694) antibody; STAT5A antibody

### Properties

Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

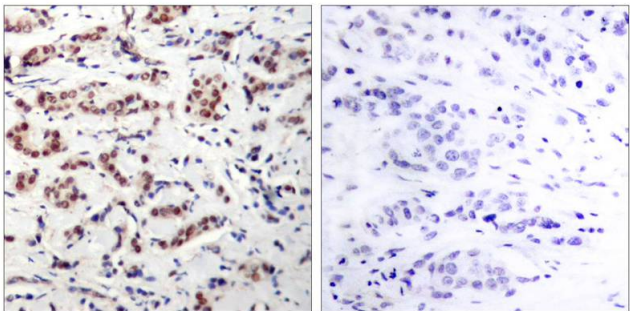
### Bioinformation

Gene Full Name	Phospho Signal transducer and activator of transcription 5A (STAT5A) Antibody Duo (Total, pY694)
Highlight	Related Product: <a href="#">anti-STAT5A antibody;</a>
Research Area	Gene Regulation antibody; Signaling Transduction antibody



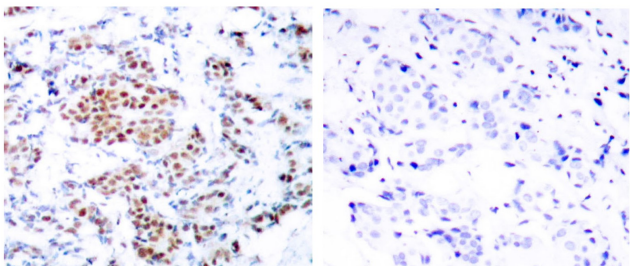
ARG51552 anti-STAT5A phospho (Tyr694) antibody WB image

Western Blot: extracts from K562 cells untreated or treated with G-CSF stained with anti-STAT5A (phospho Tyr694) antibody ARG51552.



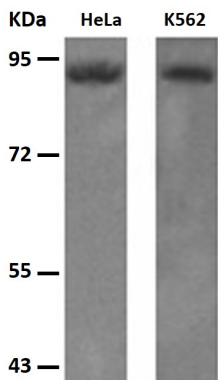
ARG51552 anti-STAT5A phospho (Tyr694) antibody IHC-P image

Immunohistochemistry: paraffin-embedded human breast carcinoma tissue stained with anti-STAT5A (phospho Tyr694) antibody ARG51552 (left) or the same antibody preincubated with blocking peptide (right).



ARG65593 anti-STAT5A Antibody IHC-P image

Immunohistochemistry: paraffin-embedded Human breast carcinoma tissue stained with ARG65593 (STAT5A Antibody) at 1/50 dilution, or the same antibody preincubated with synthetic peptide (right). (Original magnification:  $\times 200$ )



ARG65593 anti-STAT5A Antibody WB image

Western Blot: ARG65593 STAT5A Antibody at 1/500 dilution with 30  $\mu$ g of lysates.  
(1) HeLa cell  
(2) K562 cell

Exposure time: 1 minute.