


Product datasheet

Anti-STAT5α antibody, prediluted ab15525

2 Images

Overview

<b>Product name</b>	Anti-STAT5a antibody, prediluted
<b>Description</b>	Rabbit polyclonal to STAT5a, prediluted
<b>Tested applications</b>	<b>Suitable for:</b> WB, IHC-P
<b>Species reactivity</b>	<b>Reacts with:</b> Human <b>Predicted to work with:</b> Mouse, Rat 
<b>Immunogen</b>	Synthetic peptide (unfortunately, the amino acid sequence is considered to be commercially sensitive) (Rabbit) (C terminal).
<b>Positive control</b>	A431 cells and tonsil.

Properties

<b>Form</b>	Prediluted
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C.
<b>Storage buffer</b>	Preservative: 0.1% Sodium Azide Constituents: 1% BSA, 50mM Tris, pH 7.6
<b>Purity</b>	Immunogen affinity purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab15525** in the following tested applications.

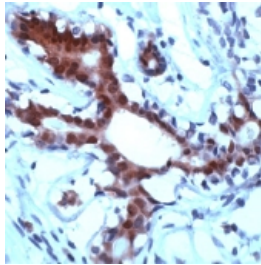
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/200. Predicted molecular weight: 91 kDa.
IHC-P		Use at an assay dependent concentration. Perform heat mediated antigen retrieval before commencing with IHC staining protocol.

## Target

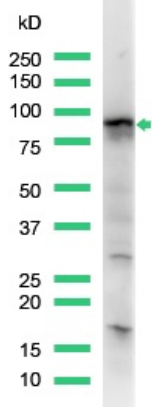
<b>Function</b>	Carries out a dual function: signal transduction and activation of transcription. Binds to the GAS element and activates PRL-induced transcription.
<b>Sequence similarities</b>	Belongs to the transcription factor STAT family. Contains 1 SH2 domain.
<b>Post-translational modifications</b>	Tyrosine phosphorylated in response to IL-2, IL-3, IL-7, IL-15, GM-CSF, growth hormone, prolactin, erythropoietin and thrombopoietin. Tyrosine phosphorylation is required for DNA-binding activity and dimerization. Serine phosphorylation is also required for maximal transcriptional activity.
<b>Cellular localization</b>	Cytoplasm. Nucleus. Translocated into the nucleus in response to phosphorylation.

## Images



ab15525 staining STAT5a in human breast carcinoma by Immunocytochemistry (FFPE-sections).

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - STAT5a antibody, prediluted (ab15525)



Anti-STAT5a antibody, prediluted (ab15525)  
at 1/25 dilution + K562 cell lysate

**Predicted band size** : 91 kDa

**Observed band size** : 91 kDa

Western blot - STAT5a antibody, prediluted (ab15525)

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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