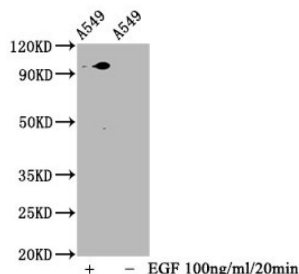


Signal Transducer and Activator of Transcription 3 Phospho-Ser727 (STAT3 pS727) Antibody

Catalogue No.: abx242994



Western Blot

Positive WB detected in: A549 whole cell lysate (treated with EGF or not)

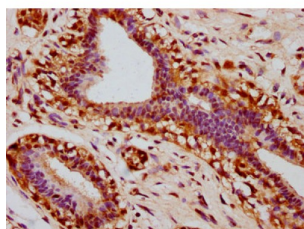
All lanes: Phospho-STAT3 antibody at 1.88 µg/ml

Secondary

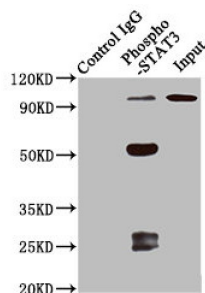
Goat polyclonal to rabbit IgG at 1/50000 dilution

Predicted band size: 98 KDa

Observed band size: 98 KDa



Immunohistochemistry analysis of STAT3 (pS727) Antibody diluted at 1/100 and staining in paraffin-embedded human breast cancer. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



Immunoprecipitating Phospho-STAT3 in 293 whole cell lysate treated with Calyculin A

Lane 1: Rabbit control IgG (1 µg) instead of STAT3 (pS727) Antibody in 293 whole cell lysate treated with Calyculin A. For western blotting, a HRP-conjugated Protein G antibody was used as the secondary antibody (1/2000)

Lane 2: STAT3 (pS727) Antibody (3 µg) + 293 whole cell lysate treated with Calyculin A (1 mg)

Lane 3: 293 whole cell lysate treated with Calyculin A (20 µg)

STAT3 (pS727) Antibody is a Monoclonal Antibody against STAT3.

Target: Signal Transducer and Activator of Transcription 3 Phospho-Ser727 (STAT3 pS727)

Clonality: Monoclonal

Target Modification: Ser727

Modification: Phosphorylation

Reactivity: Human

Expression: Recombinant

Datasheet

Version: 2.0.0

Revision date: 11 Sep 2025



Tested Applications: ELISA, WB, IHC, IP

Host: Rabbit

Recommended dilutions: WB: 1/500 - 1/5000, IHC: 1/50 - 1/200, IP: 1/200 - 1/1000. Optimal dilutions/concentrations should be determined by the end user.

Conjugation: Unconjugated

Immunogen: A synthesized peptide derived from human Phospho-STAT3 (S727).

Isotype: IgG

Form: Liquid

Purification: Purified by affinity chromatography.

Storage: Aliquot and store at -20 °C. Avoid repeated freeze/thaw cycles.

UniProt Primary AC: P40763 ([UniProt](#), [ExPASy](#))

KEGG: hsa:6774

String: [9606.ENSP00000264657](#)

Buffer: PBS, pH 7.4, 150 mM NaCl, 0.02% sodium azide and 50% glycerol.

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.