

## Anti-p-STAT3(Tyr705)Rabbit pAb



WL06214

For Research Use Only. Not For Use In Diagnostic Procedures

## Product Information

**Product name** Anti-p-STAT3(Tyr705)Rabbit pAb**Source** Rabbit**Species reactivity** Human, Mouse, Rat**Tested applications** WB 1:2000

IHC 1:500

IF 1:500

**Cellular localization** Secreted and Cell membrane**Pack size** 50/100/200/500/1000µl**Storage** Store at -20°C. **Avoid freeze/thaw cycles.****Storage buffer** Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 µg/ml

BSA, 50% glycerol and less than 0.02% sodium azide

## General Information

**Background** This gene is a member of the STAT protein family. 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.

**Immunogen** Polyclonal antibody is produced by immunizing animals with a synthetic peptide of cleaved N-terminal p-STAT3(Tyr705).

**Purification** Polyclonal antibody was purified by Protein A affinity chromatography.

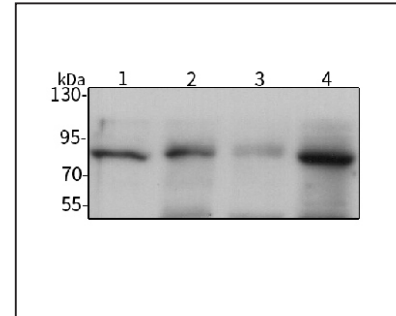
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## Product Images

**Western blot-Anti-p-STAT3(Tyr705)pAb**

Lane 1: Human HCT116 cell lysate

Lane 2: Human MDA-MB-231 cell lysate

Lane 3: Human A549 cell lysate

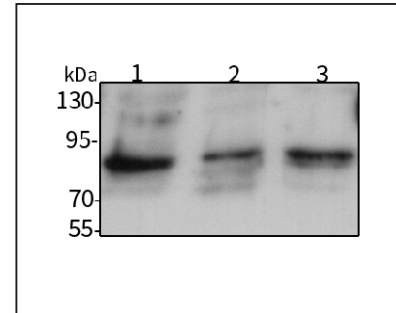
Lane 4: Human HUVEC cell lysate

All lanes: Anti-p-STAT3(Tyr705) at 1:2000 dilution

Lysates/proteins at 20-50 µg per lane.

Predicted band size: 91 kDa

Observed band size: 91 kDa

**Western blot-Anti-p-STAT3(Tyr705)pAb**

Lane 1: Mouse liver tissue lysate

Lane 2: Mouse heart tissue lysate

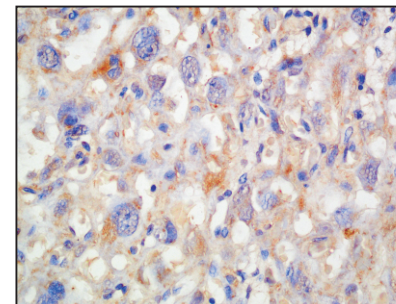
Lane 3: Rat lung tissue lysate

All lanes: Anti-Actin-p-STAT3(Tyr705) at 1:2000 dilution

Lysates/proteins at 20-50 µg per lane.

Predicted band size: 91 kDa

Observed band size: 91 kDa

**Immunohistochemistry-Anti-p-STAT3(Tyr705) pAb**

Immunohistochemical analysis of paraffin-embedded rat placenta using anti-p-STAT3(Tyr705) Rabbit Antibody at 1:500 dilution.

Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

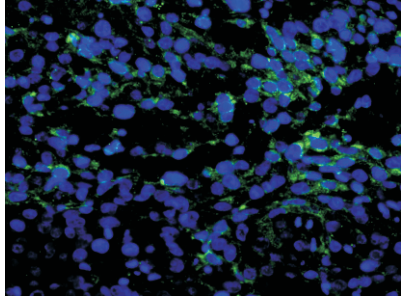
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#### Immunofluorescence-Anti-p-STAT3(Tyr705) pAb

Immunofluorescence analysis of paraffin-embedded human esophagus cancer using anti-p-STAT3(Tyr705) Rabbit Antibody at 1:500 dilution. Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0