

35-1401: Polyclonal Antibody to STAT3 (Ab-727)

Clonality :	Polyclonal
Application :	WB,IHC
Reactivity :	Human
Gene :	STAT3
Gene ID :	6774
Uniprot ID :	P40763
Format :	Purified
Alternative Name :	Acute-phase response factor
Isotype :	Rabbit IgG
Immunogen Information :	Peptide sequence around aa. 725~729 (P-M-S-P-R) derived from Human STAT3.

Description

Transcription factor that binds to the interleukin-6 (IL-6)-responsive elements identified in the promoters of various acute-phase protein genes. Activated by IL31 through IL31RA.

Product Info

Amount :	50 μ l / 100 μ l
Content :	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage condition :	Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.

Application Note

Predicted MW: 88kd, Western blotting: 1:500~1:1000, Immunohistochemistry: 1:50~1:100

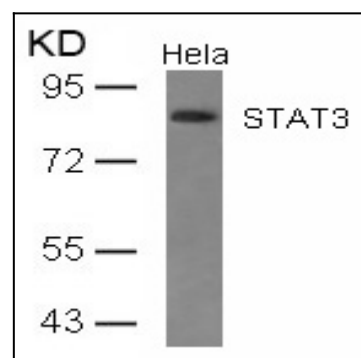


Figure 1: Western blot analysis of extracts from HeLa cells using STAT3(Ab-727) Antibody 35-1401 .

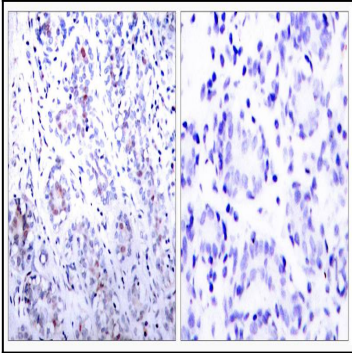


Figure 2: Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using STAT3(Ab-727) Antibody 35-1401 (left) or the same antibody preincubated with blocking peptide(right).