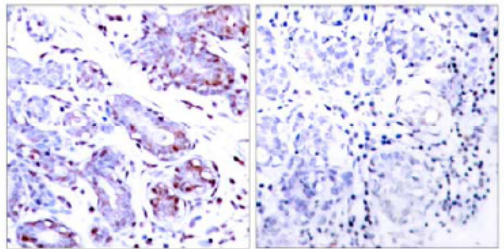


**AP02585PU-S****Polyclonal Antibody to STAT1 - Aff - Purified**

<b>Alternate names:</b>	Signal transducer and activator of transcription 1-alpha/beta, Transcription factor ISGF-3 components p91/p84
<b>Quantity:</b>	50 µg
<b>Concentration:</b>	1.0 mg/ml
<b>Uniprot ID:</b>	<a href="#">P42224</a>
<b>NCBI:</b>	<a href="#">9606</a>
<b>Host:</b>	Rabbit
<b>Immunogen:</b>	The antiserum was produced against synthesized non-phosphopeptide derived from human STAT1 around the phosphorylation site of tyrosine 701(T-G-YP-I-K).
<b>Format:</b>	<b>State:</b> Liquid purified IgG fraction <b>Purification:</b> Affinity-chromatography using epitope-specific immunogen <b>Buffer System:</b> PBS(without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4 containing 150mM NaCl, 0.02% sodium azide and 50% glycerol
<b>Applications:</b>	Western Blot: 1/500 - 1/1000. Immunohistochemistry: 1/50 - 1/100. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	STAT1 antibody detects endogenous levels of total STAT1 protein. <b>Species:</b> Human, Mouse, Rat. Other species not tested.
<b>Storage:</b>	Store the antibody at -20°C. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
<b>General Readings:</b>	1. Heim M H, (1999) J Recept Signal Transduct Res. 19: 75-120. 2. Durbin J E, et al. (1996) Cell. 84: 443-450. 3. Meraz M A, et al. (1996) Cell. 84: 431-442. 4. Wakao H, et al. (1994) EMBO J. 13: 2182-2191. 5. Demoulin J, B. et al. (1999) J Biol Chem. 274: 25855-258 6. Ihle J N, et al. (1994) Trends Biochem Sci. 19: 222-227.
<b>Pictures:</b>	Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using STAT1 antibody.  Peptide                      -                      +

Western blot analysis of extracts from COLO205 cells using STAT1 antibody.

