

Product datasheet for **TA328010**

STAT2 Rabbit Polyclonal Antibody [Clone ID: Poly6245]

Product data:

| | |
|-------------------------|---|
| Product Type: | Primary Antibodies |
| Clone Name: | Poly6245 |
| Applications: | WB |
| Recommended Dilution: | WB, IP |
| Reactivity: | Human |
| Host: | Rabbit |
| Isotype: | IgG |
| Clonality: | Polyclonal |
| Immunogen: | Peptide mapping to the carboxy terminus of human STAT2 |
| Formulation: | This antibody is provided in phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide and 0.2% gelatin. |
| Purification: | The antibody was purified by antigen-affinity chromatography. |
| Conjugation: | Unconjugated |
| Storage: | Store at -20°C as received. |
| Stability: | Stable for 12 months from date of receipt. |
| Predicted Protein Size: | 113 kD |
| Gene Name: | signal transducer and activator of transcription 2 |
| Database Link: | NP_005410 Entrez Gene 6773 Human P52630 |

Background: STAT2, a 113 kD member of the STAT (signal transducer and activators of transcription) protein family, is phosphorylated in response to interferon alpha receptor signaling by Janus kinase I. Phosphorylation of STAT 2 induces nuclear translocation to activate transcription. STAT2 is highly expressed in the skin and thymus. STAT 2 forms complex with STAT1 and p48 to activate transcription and does not bind DNA directly. STAT 3 interacts with interferon regulatory factor 9, interferon alpha receptor, STAT 1, p48, and CREB binding protein. The Poly6245 antibody recognizes the C-terminal region of human STAT2 and has been shown to be useful for Western blotting, immunoprecipitation, and immunohistochemistry.



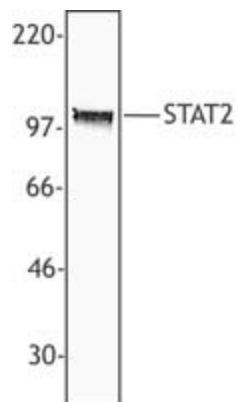
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Synonyms: IMD44; ISGF-3; P113; STAT113

Protein Families: Druggable Genome, Transcription Factors

Protein Pathways: Chemokine signaling pathway, Jak-STAT signaling pathway

Product images:



Hela cell extract was resolved by electrophoresis, transferred to nitrocellulose, and probed with rabbit anti-STAT2 polyclonal antibody. Proteins were visualized using a donkey anti-rabbit secondary antibody conjugated to HRP and a chemiluminescence system.