

## Product datasheet for **TA382969**

### TYK2 Rabbit Polyclonal Antibody

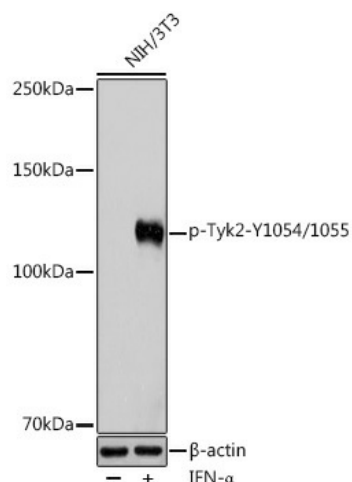
#### Product data:

|                         |   |
|-------------------------|---|
| Product Type:           | Primary Antibodies  |
| Applications:           | WB  |
| Recommended Dilution:   | WB,1:500 - 1:1000   |
| Reactivity:             | Mouse   |
| Modifications:          | Phospho Y1054/1055  |
| Host:                   | Rabbit  |
| Isotype:                | IgG   |
| Clonality:              | Polyclonal  |
| Immunogen:              | A synthetic phosphorylated peptide around Y1054 & Y1055 of human Tyk2 (NP_003322.3).  |
| Formulation:            | Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.   |
| Concentration:          | lot specific  |
| Purification:           | Affinity purification   |
| Conjugation:            | Unconjugated  |
| Storage:                | Store at -20°C. Avoid freeze / thaw cycles.   |
| Stability:              | Shelf life: one year from despatch.   |
| Predicted Protein Size: | 133kDa  |
| Gene Name:              | tyrosine kinase 2   |
| Database Link:          | <a href="#">P29597</a>  |
| Background:             | This gene encodes a member of the tyrosine kinase and, more specifically, the Janus kinases (JAKs) protein families. This protein associates with the cytoplasmic domain of type I and type II cytokine receptors and promulgate cytokine signals by phosphorylating receptor subunits. It is also component of both the type I and type III interferon signaling pathways. As such, it may play a role in anti-viral immunity. A mutation in this gene has been associated with hyperimmunoglobulin E syndrome (HIES) - a primary immunodeficiency characterized by elevated serum immunoglobulin E. |
| Synonyms:               | JTK1  |



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## Product images:



Western blot analysis of extracts of NIH/3T3 cells, using Phospho-Tyk2-Y1054/1055 Rabbit pAb (TA382969) at 1:1000 dilution. NIH/3T3 cells were treated by IFN- $\alpha$  (100 ng/ml) at 37°C for 30 minutes after serum-starvation overnight. | Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. | Lysates/proteins: 25ug per lane. | Blocking buffer: 3% BSA. | Detection: ECL Enhanced Kit . | Exposure time: 180s.