



Tyk 2 rabbit pAb

Cat No.:ES3658

For research use only

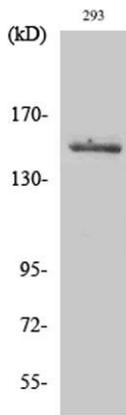
Overview

| | |
|--------------------------------|---|
| Product Name | Tyk 2 rabbit pAb |
| Host species | Rabbit |
| Applications | WB;IHC;IF;ELISA |
| Species | Human;Mouse;Monkey |
| Cross-Reactivity | |
| Recommended dilutions | Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/10000. Not yet tested in other applications. |
| Immunogen | The antiserum was produced against synthesized peptide derived from human TYK2. AA range:1020-1069 |
| Specificity | Tyk 2 Polyclonal Antibody detects endogenous levels of Tyk 2 protein. |
| Formulation | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| Storage | Store at -20°C. Avoid repeated freeze-thaw cycles. |
| Protein Name | Non-receptor tyrosine-protein kinase TYK2 |
| Gene Name | TYK2 |
| Cellular localization | nucleus,cytoplasm,cytosol,cytoskeleton,membrane,extrinsic component of cytoplasmic side of plasma membrane,extracellular exosome, |
| Purification | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| Clonality | Polyclonal |
| Concentration | 1 mg/ml |
| Observed band | 134kD |
| Human Gene ID | 7297 |
| Human Swiss-Prot Number | P29597 |
| Alternative Names | TYK2; Non-receptor tyrosine-protein kinase TYK2 |
| Background | tyrosine kinase 2(TYK2) Homo sapiens 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 |



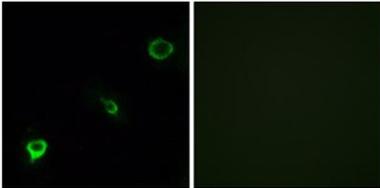


and type II cytokine receptors and promulgate cytokine signals by phosphorylating receptor subunits. It is also component of both the type I and type III interferon signaling pathways. As such, it may play a role in anti-viral immunity. A mutation in this gene has been associated with hyperimmunoglobulin E syndrome (HIES) - a primary immunodeficiency characterized by elevated serum immunoglobulin E. [provided by RefSeq, Jul 2008],

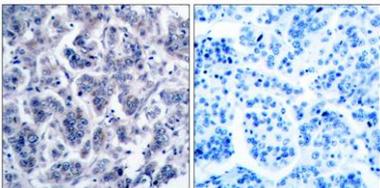


Western Blot analysis of various cells using Tyk 2 Polyclonal Antibody diluted at 1:2000. Secondary antibody(catalog#:RS0002) was diluted at 1:20000

Immunofluorescence analysis of COS7 cells, using TYK2 Antibody. The picture on the right is blocked with the synthesized peptide.

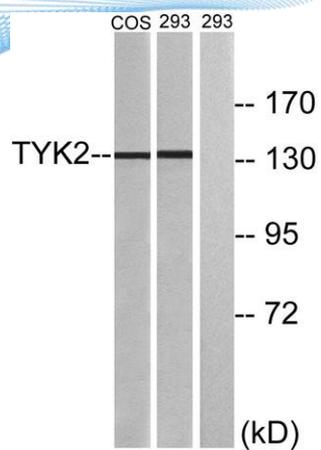


Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using TYK2 Antibody. The picture on the right is blocked with the synthesized peptide.





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Western blot analysis of lysates from 293 and COS7 cells, treated with heat shock, using TYK2 Antibody. The lane on the right is blocked with the synthesized peptide.



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