

Description

Product Name	TYK2 antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Purified by antigen-affinity chromatography.
Applications	WB IF
Species Reactivity	Hu
Immunogen Type	Recombinant protein
Immunogen Description	Recombinant protein fragment contain a sequence corresponding to a region within amino acids 680 and 1176 of TYK2
Target Name	TYK2
Accession No.	Swiss-Prot:P29597Gene ID:7297
Uniprot	P29597
GeneID	7297;
Concentration	1mg/ml
Formulation	Supplied in 0.1M Tris-buffered saline with 10% Glycerol (pH7.0). 0.01% Thimerosal was added as a preservative.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

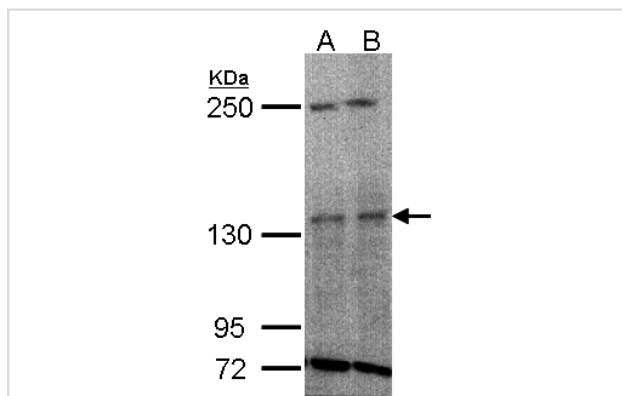
Application Details

Predicted MW: 134kd

Western blotting: 1:500-1:3000

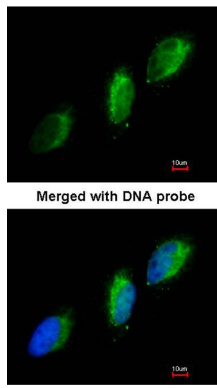
Immunofluorescence: 1:100-1:200

Images



Sample(30 ug whole cell lysate)
A: H1299
B: HeLa S3
5% SDS PAGE
Primary antibody diluted at 1: 1000

Immunofluorescence analysis of paraformaldehyde-fixed HeLa, using TYK2 antibody at 1: 200 dilution.



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. [provided by RefSeq]

Note: This product is for in vitro research use only