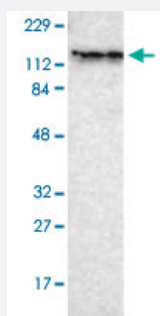


TYK2 polyclonal antibody

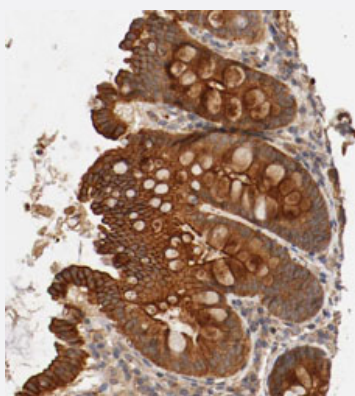
Catalog # PAB30727 Size 100 uL

Applications



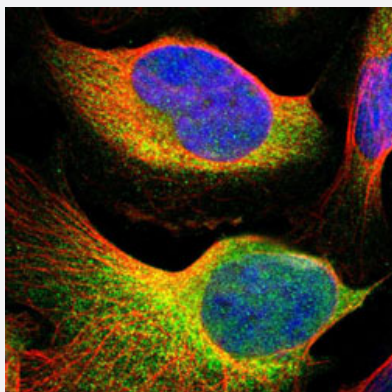
Western Blot (Cell lysate)

Western Blot analysis of RT-4 cell lysate with TYK2 polyclonal antibody (Cat # PAB30727).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human colon with TYK2 polyclonal antibody (Cat # PAB30727) shows strong cytoplasmic and membranous positivity in glandular cells.



Immunofluorescence

Immunofluorescent staining of U-2 OS with TYK2 polyclonal antibody (Cat # PAB30727) (Green) shows positivity in cytoplasm.

Specification

Product Description	Rabbit polyclonal antibody raised against partial recombinant human TYK2.
Immunogen	Recombinant protein corresponding to human TYK2.
Sequence	RFLRDFQPGRLSQQMVMVKYLATLERLAPRFGTERVPVCHLRLLAQAEGEPCYIRD SGVAPTDP GPESAAGPPTHEVLVTGTGGIQWWPVEEEVNKEEGSSGSSGRNPQASLFGKKAKAHKAFGQP ADRPREPLWAYFCDFRDITHVV
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunofluorescence (1-4 ug/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:20-1:50) Western Blot (1:100-1:250) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western Blot analysis of RT-4 cell lysate with TYK2 polyclonal antibody (Cat # PAB30727).

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human colon with TYK2 polyclonal antibody (Cat # PAB30727) shows strong cytoplasmic and membranous positivity in glandular cells.

- Immunofluorescence

Immunofluorescent staining of U-2 OS with TYK2 polyclonal antibody (Cat # PAB30727) (Green) shows positivity in cytoplasm.

Gene Info — TYK2

Entrez GeneID	7297
Protein Accession#	P29597
Gene Name	TYK2
Gene Alias	JTK1
Gene Description	tyrosine kinase 2
Omim ID	176941
Gene Ontology	Hyperlink
Gene Summary	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]
Other Designations	-

Pathway

- [Jak-STAT signaling pathway](#)

Disease

- [Arthritis](#)
- [Asthma](#)
- [Birth Weight](#)
- [Bronchiolitis](#)
- [Crohn Disease](#)
- [Diabetes Mellitus](#)
- [Genetic Predisposition to Disease](#)
- [Glioblastoma](#)
- [Glioma](#)

- [Hepatitis C](#)
- [Infant](#)
- [Kidney Failure](#)
- [Leukemia](#)
- [Liver Cirrhosis](#)
- [Lupus Erythematosus](#)
- [Lymphoproliferative Disorders](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Multiple Sclerosis](#)
- [Myelodysplastic Syndromes](#)
- [Neutropenia](#)
- [Ovarian Neoplasms](#)
- [Psoriasis](#)
- [Respiratory Syncytial Virus Infections](#)
- [Thrombocytopenia](#)
- [Thyroid Neoplasms](#)