

DNAxPAb

Hard-to-Find
Antibody

TYK2 DNAxPab

Catalog # H00007297-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human TYK2 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MPLRHWGMARGSKPVGDGAQPMAMGGLKVLLHWAGPGGGEPWVTFSESSLTAEVCIHIAH KVGITPPCFNLFALFDAQAQVWLPPNHILEIPRDASLMYFRIRFYFRNWHGMNPREPAVYRCGPP GTEASSDQTAQGMQLLDPASFEYLFEEQKHEFVNDVASLWELSTEEIHHFKNESLGM AFLHLC HLALRHGIPLEEVAKKTSFKDCIPRSFRRHIRQHSALTRLRLRNVFRRFLRDFQPGRLSQQMVMVK YLATLERLAPRFGTERVPVCHLRLLAQAEGEPCYIRD SGVAPTDPGPESAAGPPTHEVLVTGTGGI QWWPVEEEVNKEEGSSGSSGRNPQASLFGKKAKAHKAVGQPADRPREPLWAYFCDFRDITHV VLKEHCVSIHRQDNKCLELSLPSRAAALSFVSLVDGYFRLTADSSHYLCHEVAPPRLVMSIRDGIH GPLLEPFVQAKLRPEDGLYLIHWSTSHPYRLILTVAQRSQAPDGMQSLRLRKFPFIEQQDGAFVLEG WGRSFPSVRELGAALQGCLLRAGDDCFSLRRCCLPQPGETSNLIIMRGARASPTLNLSQLSFH RVDQKEITQLSHLGQGTRTNVYEGRLRVEGSGDP EEGKMDDDEDPLVPGRDRGQELRVVLKVLD PSHHDIALAFYETASLMSQVSHTHLAFVHGVCVRGPENIMVTEYVEHGPLDVWLRRERGHVPMA WKMVVAQQLASALSYLENKNLVHGNVCGRNILLARLGLAEGTSPFIKLSDPGVGLGALSREERVE RIPWLAPECLPGGANSLSAMDKWGFATLLEICFDGEAPLQSRSPSEKEHFYQRQHRLPEPSC PQLATLTSQCLTYEPTQRPSFRTLRLDLTRLQPHNLADVLTVNPDSPASDPTVFHKRYLKKIRDLGE GHFGKVSLYCYDPTNDGTGEMVAVKALKADCQPQHRSGWKQEIDILRTLYHEHIIKYKGCCEDQG EKSLQLVMEYVPLGSLRDYLP RHSIGLAQLLLFAQQICEGMAYLHSQHYIHRDLAARNVLLDNDRL VKIGDFGLAKAVPEGHEYRVREDGDSVPVFWYAPECLKEYKFYYASDVWSFGVTLYELLTHCDS SQSPPTKFLELIGIAQQQMTVLRLTELLERGERLPRPDKCPCEVYHLMKNCWETEASFRPTFENLI PILKTVHEKYQQGQAPSVFSVC
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)
[Protocol Download](#)
- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — TYK2

Entrez GeneID [7297](#)

GeneBank Accession# [NM_003331.3](#)

Protein Accession# [NP_003322.2](#)

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](#)