

DNAxPAb

Hard-to-Find
Antibody

IRAK4 DNAxPab

Catalog # H00051135-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human IRAK4 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MNKPITPSTYVRCLNVGLIRKLSDFIDPQEGWKKLAVAIAKKPSGDDRYNQFHIRRFEALLQTGKSPT SELLFDWGTNCTVGDLDLLIQNEFFAPASLLLPDAVPKTANTLPSKEAITVQQKQMPFCDKDR TLMTPVQNLEQSYMPDSSSPENKSLEVSDTRFHSFSFYELKNVTNNFDERPISVGGNKMGE GGFGVVYKGYVNNTTVAVKKPAAMVDITTEELKQQFDQEIKVMAKCQHENLVELLGFSSDGDDLCLV YVMPNGSLDLRLSCLDGTPLSWHMRCKIAQGAANGINFLHENHHIHRDIKSANILLDEAFTAKIS DFGLARASEKFAQTVMTSRVGTAYMAPEALRGEITPKSDIYSFGVVLEITGLPAVDEHREPQLL LDIKEEIEDEEKTIEDYDKKMNDADSTSVEAMYSVASQCLHEKKNKRPDIKKVQQLQEMTAS
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 — IRAK4

Entrez GeneID [51135](#)

GeneBank Accession# [BC013316.1](#)

Protein Accession# [AAH13316.1](#)

Gene Name IRAK4

Gene Alias IPD1, NY-REN-64, REN64

Gene Description interleukin-1 receptor-associated kinase 4

Omim ID [606883](#) [607676](#) [610799](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a kinase that activates NF-kappaB in both the Toll-like receptor (TLR) and T-cell receptor (TCR) signaling pathways. The protein is essential for most innate immune responses. Mutations in this gene result in IRAK4 deficiency and recurrent invasive pneumococcal disease. Multiple transcript variants encoding different isoforms have been found for this gene. [supplied by RefSeq]

Other Designations IRAK-4 mutated form 1|interleukin-1 receptor associated kinase 4

Pathway

- [Apoptosis](#)
- [Neurotrophin signaling pathway](#)
- [Toll-like receptor signaling pathway](#)

Disease

- [Arthritis](#)
- [Asthma](#)
- [Atherosclerosis](#)

- [Birth Weight](#)
- [Bronchiolitis](#)
- [Cardiovascular Diseases](#)
- [Chronic Disease](#)
- [Crohn Disease](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Glioblastoma](#)
- [Glioma](#)
- [HIV Infections](#)
- [Hypersensitivity](#)
- [Infant](#)
- [Kidney Failure](#)
- [Leukemia](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)
- [Respiratory Syncytial Virus Infections](#)