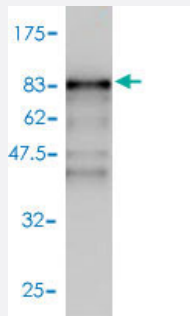


IRAK4 polyclonal antibody (A01)

Catalog # H00051135-A01

Size 50 uL

Applications



Western Blot detection against Immunogen (76.71 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a full-length recombinant IRAK4.
Immunogen	IRAK4 (AAH13316.1, 1 a.a. ~ 460 a.a) full-length recombinant protein with GST tag.
Sequence	MNKPITPSTYVRCLNVGLIRKLSDPIDPQEGWKKLAVAIAKKPSGDDRYNQFHRRFEALLQTGKSPT SELLFDWGTNCTVGDLDVLLIQNEFFAPASLLLPDAVPKTANTLPSKEAITVQQKQMPFCDKDR TLMPVQNLEQSYMPPDSSSPENKSLEVSDTRFHSFSFYELKNVTNNFDERPISVGGNKMGE FGVVYKGYVNNTTVAVKKPAAMVDITTEELKQQFDQEIKVMAKCQHENLVLLGFSSDGDDLCLV VYMPNGSLLDRLSCLDGTPLSWHMRCKIAQGAANGINFLHENHHIHRDIKSANILLDEAFTAKIS DFGLARASEKFAQTVMTSRVGTAYMAPEALRGEITPKSDIYSFGVVLEITGLPAVDEHREPQLL LDIKEEIEDEEKTIEDYDKKMNDADSTSVEAMYSVASQCLHEKKNKRPDIKKVQQLQEMTAS
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (83); Rat (83)
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (76.71 KDa) .
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — IRAK4

Entrez GeneID [51135](#)

GeneBank Accession# [BC013316](#)

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](#)