

Rabbit Anti-IRAK2 antibody

SL1427R

Product Name	IRAK2
Chinese Name	白介素-1 受体相关激酶 2 抗体
Alias	Interleukin 1 receptor associated kinase like 2; il1rak2; Interleukin 1 receptor associated kinase 2; Interleukin-1 receptor-associated kinase-like 2; IRAK 2; IRAK-2; Irak2; IRAK2_HUMAN; MGC150550.
Research Area	Cell biology immunology Signal transduction Kinases and Phosphatases
Immunogen Species	Rabbit
Clonality	Polyclonal
React Species	(predicted: Human, Mouse, Rat,) IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500,ELISA=1:5000-10000 (Paraffin sections need antigen repair)
Applications	not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Theoretical molecular weight	69kDa
Cellular localization	The nucleus cytoplasmic The cell membrane
Form	Liquid
Concentration	1mg/ml
immunogen	KLH conjugated synthetic peptide derived from human IRAK2: 21-150/625
Lsotype	IgG
Purification	affinity purified by Protein A
Buffer Solution	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Attention	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
PubMed	PubMed
Product Detail	IRAK or Interleukin-1 Receptor-associated Kinase 1, is one of two putative serine/threonine kinases that become associated with the interleukin-1

receptor (IL1R) upon stimulation. This protein is partially responsible for IL1-induced upregulation of the ubiquitous transcription factor NF-kappa B.

Function:

Binds to the IL-1 type I receptor following IL-1 engagement, triggering intracellular signaling cascades leading to transcriptional up-regulation and mRNA stabilization.

Subunit:

Interacts with MYD88. IL-1 stimulation leads to the formation of a signaling complex which dissociates from the IL-1 receptor following the binding of PELI1.

Tissue Specificity:

Expressed in spleen, thymus, prostate, lung, liver, skeletal muscle, kidney, pancreas and peripheral blood leukocytes.

Similarity:

Belongs to the protein kinase superfamily. TKL Ser/Thr protein kinase family. Pelle subfamily.

Contains 1 death domain.

Contains 1 protein kinase domain.

SWISS:

O43187

Gene ID:

3656

Database links:

[Entrez Gene: 3656](#) Human

[Entrez Gene: 108960](#) Mouse

[Entrez Gene: 362418](#) Rat

[Omim: 603304](#) Human

[SwissProt: O43187](#) Human

[SwissProt: Q8CFA1](#) Mouse

[SwissProt: Q5R810](#) Orangutan

[SwissProt: Q4QQS0](#) Rat



[Unigene: 449207](#) Human

[Unigene: 152142](#) Mouse

[Unigene: 17123](#) Rat

Kinases and Phosphatases (Kinases and Phosphatases)