

IRAK2 Rabbit pAb

Catalog # AP99743

Product Information

Application	IHC-P, IHC-F, IF, E
Primary Accession	O43187
Other Accession	O43187
Predicted	Rat, Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	69433
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human IRAK2
Epitope Specificity	21-150/625
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the protein kinase superfamily. TKL Ser/Thr protein kinase family. Pelle subfamily. Contains 1 death domain. Contains 1 protein kinase domain.
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.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	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.

Additional Information

Gene ID	3656
Other Names	IRAK-2; 6330415L08Rik; IRAK2_HUMAN; IRAK2; IRAK2_MOUSE; mu-IRAK-2; IRAK2_PONAB; IRAK2_RAT; interleukin 1 receptor associated kinase 2
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	IRAK2
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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.
Tissue Location	Expressed in spleen, thymus, prostate, lung, liver, skeletal muscle, kidney, pancreas and peripheral blood leukocytes

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.