

Summary

Production Name	IRAK-2 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB
Reactivity	Human,Rat,Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	IRAK2
Alternative Names	IRAK2; Interleukin-1 receptor-associated kinase-like 2; IRAK-2
Gene ID	3656.0
SwissProt ID	O43187.Synthesized peptide derived from the Internal region of human IRAK-2.

Application

Dilution Ratio	WB 1:500-2000
Molecular Weight	70kD

Background

IRAK2 encodes the interleukin-1 receptor-associated kinase 2, one of two putative serine/threonine kinases that become

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Catalog #: APRab12727

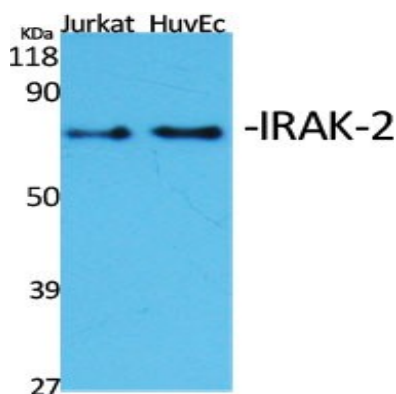


associated with the interleukin-1 receptor (IL1R) upon stimulation. IRAK2 is reported to participate in the IL1-induced upregulation of NF-kappaB. [provided by RefSeq, Jul 2008],caution:Asn-335 is present instead of the conserved Asp which is expected to be an active site residue. This enzyme has been shown to be catalytically inactive.,domain:The protein kinase domain is predicted to be catalytically inactive.,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.,similarity:Belongs to the protein kinase superfamily. TKL Ser/Thr protein kinase family. Pelle subfamily.,similarity:Contains 1 death domain.,similarity: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.,tissue specificity:Expressed in spleen, thymus, prostate, lung, liver, skeletal muscle, kidney, pancreas and peripheral blood leukocytes.,

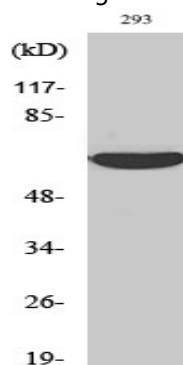
Research Area

Apoptosis_Inhibition;Apoptosis_Mitochondrial;Apoptosis_Overview;Neurotrophin;

Image Data



Western Blot analysis of various cells using IRAK-2 Polyclonal Antibody diluted at 1: 2000



Western Blot analysis of 293 cells using IRAK-2 Polyclonal Antibody diluted at 1: 2000

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Note

For research use only.