

ARG40374 anti-IRAK2 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes IRAK2
Tested Reactivity	Hu, Rat
Predict Reactivity	Ms, Hm
Tested Application	IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	IRAK2
Species	Human
Immunogen	Synthetic peptide corresponding to aa. 600-616 of Human IRAK2. (EAKRKLMENILLYKEEK)
Conjugation	Un-conjugated
Alternate Names	IRAK-2; Interleukin-1 receptor-associated kinase-like 2

Application Instructions

Application table	Application	Dilution
	IHC-P	0.5 - 1 µg/ml
	WB	0.1 - 0.5 µg/ml
Application Note	IHC-P: Antigen Retrieval: By heat mediation. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	70 kDa	

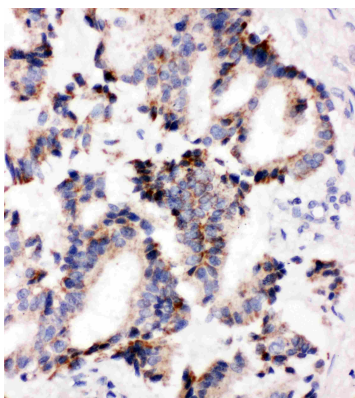
Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	0.2% Na2HPO4, 0.9% NaCl, 0.05% Thimerosal, 0.05% Sodium azide and 5% BSA.
Preservative	0.05% Thimerosal and 0.05% Sodium azide
Stabilizer	5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Bioinformation

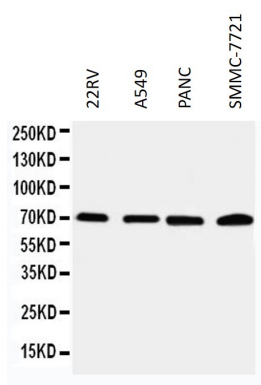
Gene Symbol	IRAK2
Gene Full Name	interleukin-1 receptor-associated kinase 2
Background	IRAK2 encodes the interleukin-1 receptor-associated kinase 2, one of two putative serine/threonine kinases that become associated with the interleukin-1 receptor (IL1R) upon stimulation. IRAK2 is reported to participate in the IL1-induced upregulation of NF-kappaB. [provided by RefSeq, Jul 2008]
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. [UniProt]
Calculated Mw	69 kDa

Images



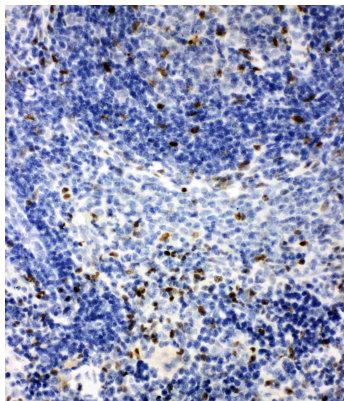
ARG40374 anti-IRAK2 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human lung cancer tissue stained with ARG40374 anti-IRAK2 antibody.



ARG40374 anti-IRAK2 antibody WB image

Western blot: 22RV, A549, PANC and SMMC-7721 cell lysates stained with ARG40374 anti-IRAK2 antibody.



ARG40374 anti-IRAK2 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Rat spleen stained with ARG40374 anti-IRAK2 antibody.