

## ARG40407 anti-IRAK2 antibody

Package: 50 µg  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes IRAK2
Tested Reactivity	Hu, Ms
Tested Application	ICC/IF, WB
Specificity	At least four isoforms of IRAK2 are known to exist; this antibody will detect all four isoforms. The antibody has no cross-reactivity with IRAK1.
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	IRAK2
Species	Mouse
Immunogen	A peptide (17 amino acids) within the last 50 amino acids of Mouse IRAK2.
Conjugation	Un-conjugated
Alternate Names	IRAK-2; Interleukin-1 receptor-associated kinase-like 2

### Application Instructions

Application table	Application	Dilution
	ICC/IF	10 - 20 µg/ml
	WB	0.5 - 2 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	Raw264.7	

### Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	PBS and 0.02% Sodium azide.
Preservative	0.02% Sodium azide
Concentration	1 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.

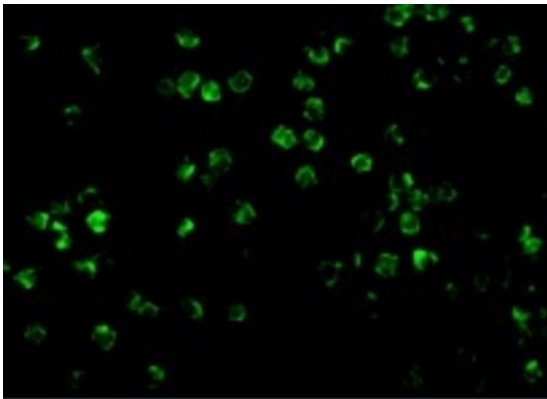
Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

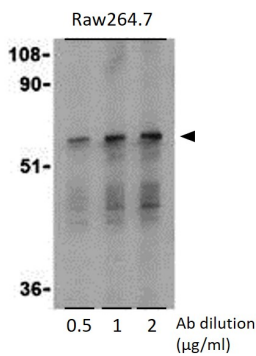
Gene Symbol	IRAK2
Gene Full Name	interleukin-1 receptor-associated kinase 2
Background	IRAK2 encodes the interleukin-1 receptor-associated kinase 2, one of two putative serine/threonine kinases that become associated with the interleukin-1 receptor (IL1R) upon stimulation. IRAK2 is reported to participate 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



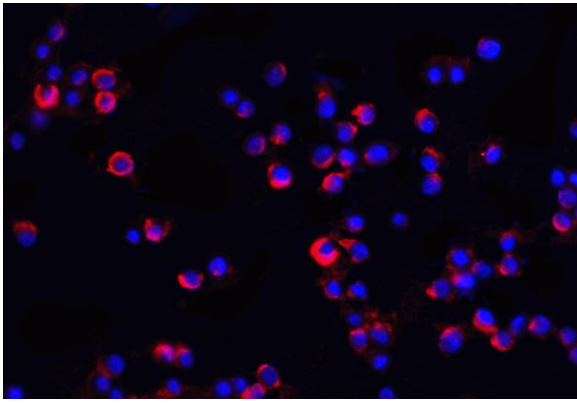
ARG40407 anti-IRAK2 antibody ICC/IF image

Immunofluorescence: A20 cells stained with ARG40407 anti-IRAK2 antibody at 10 µg/ml dilution.



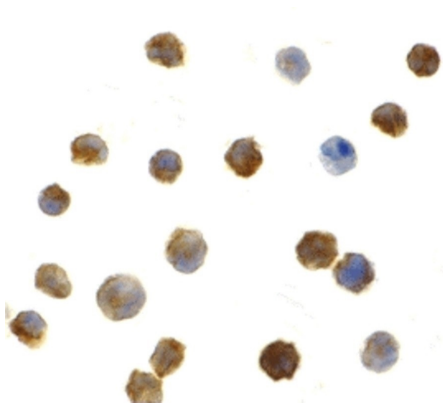
ARG40407 anti-IRAK2 antibody WB image

Western blot: Raw264.7 whole cell lysate stained with ARG40407 anti-IRAK2 antibody at 0.5, 1 and 2 µg/ml dilution.



ARG40407 anti-IRAK2 antibody ICC/IF image

Immunofluorescence: HeLa cells stained with ARG40407 anti-IRAK2 antibody (red) at 20  $\mu\text{g}/\text{ml}$  dilution. DAPI (blue) for nuclear staining.



ARG40407 anti-IRAK2 antibody ICC image

Immunocytochemistry: A20 cells stained with ARG40407 anti-IRAK2 antibody at 1  $\mu\text{g}/\text{ml}$  dilution.