

DATASHEET

IL-1RA Rabbit Polyclonal Antibody

CAT. NO. APA13509

KEY FEATURES

Target	IL-1RA	Source / Host	Rabbit
Reactivity	Human, Mouse, Rat	Clonality	Polyclonal
Applications	WB, IF/ICC	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		Storage at -20°C

BACKGROUND

Anti-inflammatory antagonist of interleukin-1 family of proinflammatory cytokines such as interleukin-1beta/IL1B and interleukin-1alpha/IL1A. Protects from immune dysregulation and uncontrolled systemic inflammation triggered by IL1 for a range of innate stimulatory agents such as pathogens.

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:2000
IF/ICC	1:50 - 1:200

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

Description	Rabbit polyclonal antibody to IL-1RA
Specificity	Recognizes endogenous levels of IL-1RA protein.
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human IL-1RA
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 16; Observed: 18 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	IL1F3; IL1RA; Interleukin-1 receptor antagonist protein; IL-1RN; IL-1ra; IRAP; ICIL-1RA; IL1 inhibitor; Anakinra
Gene Symbol	IL1RN
Entrez Gene	3557(Human); 16181(Mouse); 60582(Rat)
SwissProt	P18510(Human); P25085(Mouse); P25086(Rat)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

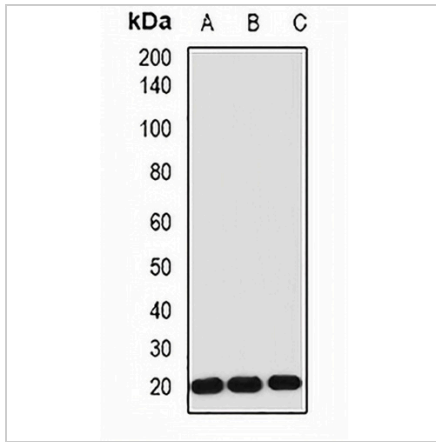
*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

DATASHEET

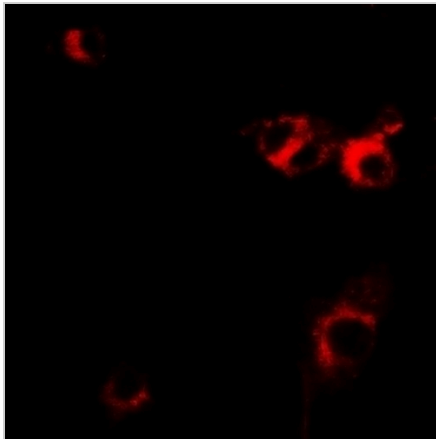
IL-1RA Rabbit Polyclonal Antibody

CAT. NO. APA13509

DATA



Western blot analysis of IL-1RA expression in HeLa (A), NIH3T3 (B), HL60 (C) whole cell lysates. (Predicted band size: 16; 17; 19; 20 kD; Observed band size: 18 kD)



Immunofluorescent analysis of IL-1RA staining in MCF7 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.