

Rabbit IL1RA antagonist Polyclonal Antibody | anti-IL1RA antibody

IL1RA antagonist antibody

CATALOG # AAA107585	HOST Rabbit	APPLICATIONS Western Blot, Immunohistochemistry, Immunocytochemistry, Immunofluorescence
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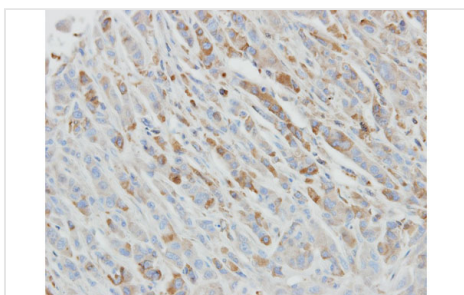
PRODUCT SYNONYMS

IL1RA antagonist; Polyclonal Antibody; IL1RA antagonist antibody; Polyclonal IL1RA antagonist; Anti-IL1RA antagonist; MGC10430; DIRA; ILRA-1; IL1RA; IL-1ra; ILRA 1; MVCD4; IL-1ra3; ICIL-1RA; IL1RN; IL1 inhibitor; IL1RN (IL1F3); IL-1RN; IL1F3; interleukin-1 receptor antagonist protein; IRAP; anti-IL1RA antibody

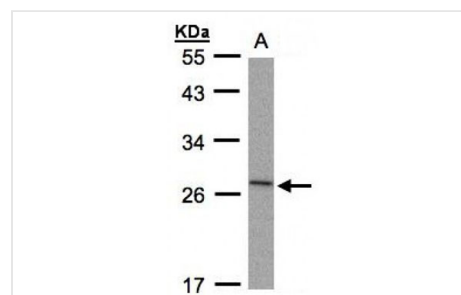
PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	IL1RA antagonist antibody was purified by antigen-affinity chromatography
Form/Format	Supplied as a concentrated solution containing 0.1M Tris, 0.1M Glycine, 10% Glycerol (pH 7.0). 0.01% Thimerosal was added as a preservative.
Concentration	1 mg/ml (varies by lot)
Sequence Length	177
Applicable Applications for anti-IL1RA antibody	WB (Western Blot), IHC (Immunohistochemistry), ICC (Immunocytochemistry), IF (Immunofluorescence)
Biological Significance	The protein encoded by this gene is a member of the interleukin 1 cytokine family. This protein inhibits the activities of interleukin 1, alpha and interleukin 1, beta, and modulates a variety of interleukin 1 related immune and inflammatory responses. This gene and five other closely related cytokine genes form a gene cluster spanning approximately 400 kb on chromosome 2. A polymorphism of this gene is reported to be associated with increased risk of osteoporotic fractures and gastric cancer.
Cross-Reactivity	Human
Immunogen	IL1RA antagonist antibody was raised in rabbit using a recombinant protein fragment contain a sequence corresponding to a region within amino acids 1 and 127 of IL1 Receptor antagonist
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

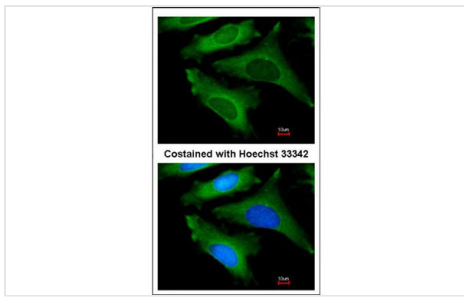
IMAGES


IHC (Immunohistochemistry)

Immunohistochemical staining of paraffin-embedded PC3 xenograft using IL1RA antagonist antibody at a dilution of 1:500


WB (Western Blot)

Western blot analysis of 30 ug whole cell lysate (A:MOLT4) using a 12 % SDS PAGE gel and IL1RA antagonist antibody at a dilution of 1:1000



IF (Immunofluorescence)
 Immunofluorescence analysis of methanol-fixed HeLa, using IL1ra antagonist antibody at 1:200 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-IL1RA antibody	Affinity purified Rabbit polyclonal IL1RA antagonist antibody
Product Categories/Family for anti-IL1RA antibody	Cytokines & Growth Factors; Purified Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	27894319
NCBI GeneID	3557
NCBI Accession #	NP_776214.1
NCBI GenBank Nucleotide #	NM_173842.2
UniProt Accession #	P18510; Q14628; Q53SC2; Q7RTZ4; Q96GD6; Q9UPC0; A8K4G1
Molecular Weight	20 kDa
NCBI Official Full Name	interleukin-1 receptor antagonist protein isoform 1
NCBI Official Synonym Full Names	interleukin 1 receptor antagonist
NCBI Official Symbol	IL1RN
NCBI Official Synonym Symbols	DIRA; IRAP; IL1F3; IL1RA; MVCD4; IL-1RN; IL-1ra; IL-1ra3; ICIL-1RA
NCBI Protein Information	interleukin-1 receptor antagonist protein
UniProt Protein Name	Interleukin-1 receptor antagonist protein
UniProt Gene Name	IL1RN
UniProt Synonym Gene Names	IL1F3; IL1RA; IL-1RN; IL-1ra; IRAP
UniProt Entry Name	IL1RA_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.