IL-1RAcP Antibody

Catalog No: #24067

Orders: order@signalwayantibody.com
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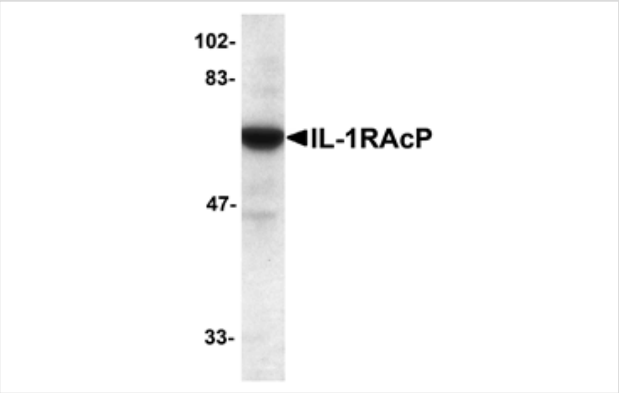
Description

Product Name	IL-1RAcP Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Affinity chromatography purified via peptide column
Applications	ELISA WB
Species Reactivity	Hu
Specificity	This polyclonal antibody has no cross activity to other members in the IL-1 receptor family.
Immunogen Type	Peptide
Immunogen Description	Raised against a peptide corresponding to amino acids 525 to 540 of human IL-1RAcP, which is identical to those of mouse and rat origins.
Target Name	IL-1RAcP
Other Names	IL-1RAcP
Accession No.	Swiss-Prot:Q9NPH3Gene ID:3556
Uniprot	Q9NPH3
GeneID	3556;
Concentration	1mg/ml
Formulation	Supplied in PBS containing 0.02% sodium azide.
Storage	Can be stored at -20°C, stable for one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

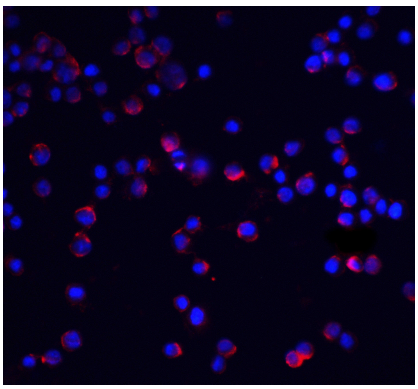
Application Details

Predicted MW: 66 kd

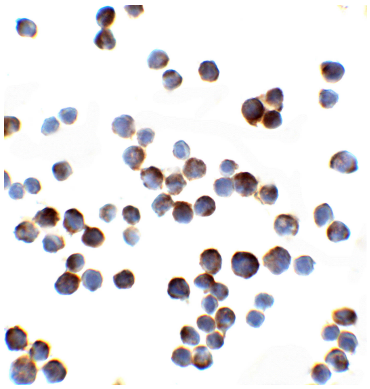
Images



Western blot analysis of IL-1RAcP in HeLa whole cell lysate with IL-1RAcP antibody (C2) at 1:1000 dilution.



Immunofluorescence of IL-1RAcP in HeLa cells with IL-1RAcP antibody at 5 µg/mL.



Immunocystochemistry of IL-1RAcP in HeLa cells with IL-1RAcP antibody at 2 µg/ml.

Background

The pro-inflammatory cytokine IL-1 induced cellular response requires two subunits of its receptor, IL-1 receptor I (IL-1RI) and IL-1 receptor accessory protein (IL-1RAcP). IL-1RAcP forms a complex with IL-1RI in response to IL-1 treatment. The IL-1 receptor-associated kinase (IRAK), which mediates activation of NF-κB inducing kinae (NIK) and of NF-κB, recruits to the IL-1R complex through IL-1RAcP. IL-1 activation of stress-activated protein kinase and of acid sphingomyelinase also requires IL-1RAcP. Like IL-1RI, IL-1RAcP subunit is essential for IL-1 mediated cellular response. IL-1RAcP is expressed in many tissues.

Note: This product is for in vitro research use only