

Rabbit anti-Human, Mouse IL1RAP Polyclonal Antibody | anti-IL1RAP antibody

IL1RAP Antibody (Center)

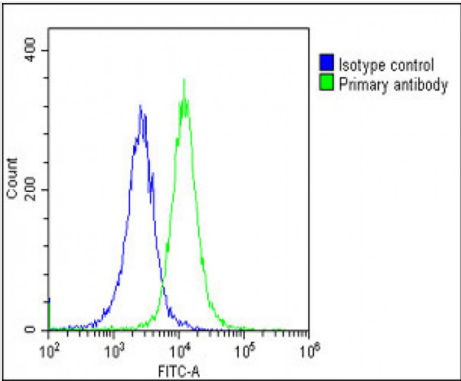
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA290971	Rabbit	Human, Mouse	Immunohistochemistry, Flow Cytometry, Functional Assay, Western Blot

PRODUCT SYNONYMS

IL1RAP; Polyclonal Antibody; IL1RAP Antibody (Center); Purified Rabbit Polyclonal Antibody (Pab); Interleukin-1 receptor accessory protein; IL-1 receptor accessory protein; IL-1RAcP; Interleukin-1 receptor 3; IL-1R-3; IL-1R3; C3orf13; IL1R3; anti-IL1RAP antibody

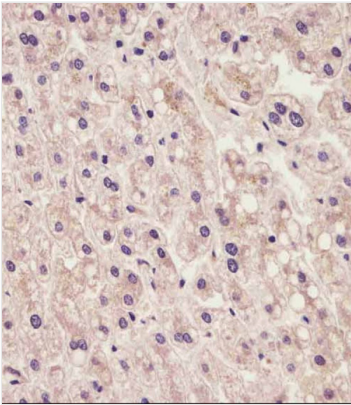
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Number	RB57768
Specificity	This IL1RAP antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 279-313 amino acids of human IL1RAP.
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Applicable Applications for anti-IL1RAP antibody	IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry), WB (Western Blot)
Antigen Source	Human
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



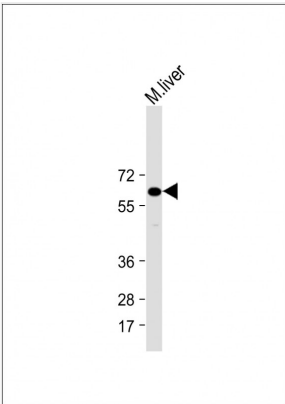
FCM/FACS (Flow Cytometry)

Overlay histogram showing Hela cells stained with AP22327b(green line). The cells were fixed with 2% paraformaldehyde (10 min) and then permeabilized with 90% methanol for 10 min. The cells were then incubated in 2% bovine serum albumin to block non-specific protein-protein interactions followed by the antibody (AP22327b, 1:25 dilution) for 60 min at 37°C. The secondary antibody used was Goat-Anti-Rabbit IgG, DyLight 488 Conjugated Highly Cross-Adsorbed(OE188374) at 1/200 dilution for 40 min at 37°C. Isotype control antibody (blue line) was rabbit IgG1 (1ug/1x10⁶ cells) used under the same conditions. Acquisition of >10, 000 events was performed.



IHC (Immunohistochemistry)

AP22327b staining IL1RAP in human liver tissue sections by Immunohistochemistry (IHC-P - paraformaldehyde-fixed, paraffin-embedded sections). Tissue was fixed with formaldehyde and blocked with 3% BSA for 0. 5 hour at room temperature; antigen retrieval was by heat mediation with a citrate buffer (pH6). Samples were incubated with primary antibody (1/25) for 1 hours at 37°C. A undiluted biotinylated goat polyvalent antibody was used as the secondary antibody.



WB (Western Blot)

Anti-IL1RAP Antibody (Center) at 1:2000 dilution + Mouse liver lysateLysates/proteins at 20 ug per lane.SecondaryGoat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution.Predicted band size : 65 kDaBlocking/Dilution buffer: 5% NFD/MTBST.

ADDITIONAL INFORMATION

Related Product Information for anti-IL1RAP antibody	Coreceptor for IL1RL2 in the IL-36 signaling system (By similarity). Coreceptor with IL1R1 in the IL-1 signaling system. Associates with IL1R1 bound to IL1B to form the high affinity interleukin-1 receptor complex which mediates interleukin-1- dependent activation of NF-kappa-B and other pathways. Signaling involves the recruitment of adapter molecules such as TOLLIP, MYD88, and IRAK1 or IRAK2 via the respective TIR domains of the receptor/coreceptor subunits. Recruits TOLLIP to the signaling complex. Does not bind to interleukin-1 alone; binding of IL1RN to IL1R1, prevents its association with IL1R1 to form a signaling complex. The cellular response is modulated through a non-signaling association with the membrane IL1R2 decoy receptor. Secreted forms (isoforms 2 and 3) associate with secreted ligand- bound IL1R2 and increase the affinity of secreted IL1R2 for IL1B; this complex formation may be the dominant mechanism for neutralization of IL1B by secreted/soluble receptors.
Product Categories/Family for anti-IL1RAP antibody	Primary Antibodies; Cardiovascular; Immunology; Immunity; Inflammatory response; Innate immunity
References	Huang J.,et al.Proc. Natl. Acad. Sci. U.S.A. 94:12829-12832(1997).Saito T.,et al.Submitted (AUG-1997) to the EMBL/GenBank/DBJ databases.Jensen L.E.,et al.J. Immunol. 164:5277-5286(2000).Jensen L.E.,et al.Cell. Signal. 15:793-802(2003).Lu H.L.,et al.Mol. Immunol. 45:1374-1384(2008).

NCBI AND UNIPROT INFORMATION

NCBI GI #	268840341
NCBI GeneID	3556
NCBI Accession #	NP_001161402.1
NCBI GenBank Nucleotide #	NM_001167930.1
UniProt Accession #	Q9NPH3; P59822
Molecular Weight	65,418 Da
NCBI Official Full Name	interleukin-1 receptor accessory protein isoform 2
NCBI Official Synonym Full Names	interleukin 1 receptor accessory protein
NCBI Official Symbol	IL1RAP
NCBI Official Synonym Symbols	IL1R3; C3orf13; IL-1RAcP
NCBI Protein Information	interleukin-1 receptor accessory protein; IL-1R3; interleukin-1 receptor 3; IL-1 receptor accessory protein; interleukin-1 receptor accessory protein beta
UniProt Protein Name	Interleukin-1 receptor accessory protein
UniProt Gene Name	IL1RAP
UniProt Synonym Gene Names	C3orf13; IL1R3; IL-1 receptor accessory protein; IL-1RAcP; IL-1R-3; IL-1R3
UniProt Entry Name	IL1AP_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/il1rap-antibody-clone-rb57768-immunohistochemistry-flow-cytometry-western-blot-elisa/290971>