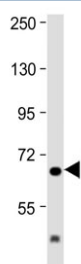


## IL1RAP Antibody (C-Terminal Region) (F54177)

Catalog No.	Formulation	Size
F54177-0.2ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.2 ml
F54177-0.05ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.05 ml

[Bulk quote request](#)

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Mouse
<b>Predicted Reactivity</b>	Human
<b>Format</b>	Antigen affinity purified
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit Ig
<b>Purity</b>	Antigen affinity
<b>UniProt</b>	Q9NPH3
<b>Applications</b>	Western Blot : 1:1000-1:2000
<b>Limitations</b>	This IL1RAP antibody is available for research use only.



Western blot testing of mouse brain lysate with IL1RAP antibody at 1:2000. Predicted molecular weight ~65 kDa.

## Description

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.

## **Application Notes**

The stated application concentrations are suggested starting points. Titration of the IL1RAP antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## **Immunogen**

A portion of amino acids 484-518 from human IL1RAP was used as the immunogen for the IL1RAP antibody.

## **Storage**

Aliquot the IL1RAP antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.