

Datasheet for ABIN5647163
anti-IL1RAP antibody (AA 484-518)



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1 Image

Overview

Quantity:	0.05 mL
Target:	IL1RAP
Binding Specificity:	AA 484-518
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IL1RAP antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	A portion of amino acids 484-518 from human IL1RAP was used as the immunogen for the IL1RAP antibody.
Isotype:	Ig Fraction
Purification:	Antigen affinity purified

Target Details

Target:	IL1RAP
Alternative Name:	IL1RAP (IL1RAP Products)
Background:	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

Target Details

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.

UniProt: [Q9NPH3](#)

Pathways: [NF-kappaB Signaling](#), [Growth Factor Binding](#)

Application Details

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.\. WB: 1:1000-1:2000

Restrictions: For Research Use only

Handling

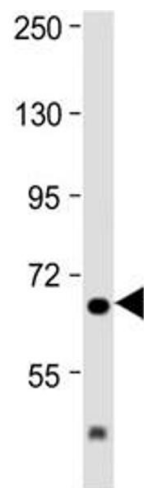
Buffer: In 1X PBS, pH 7.4, with 0.09 % sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Aliquot the IL1RAP antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.



Western Blotting

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