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Datasheet for ABIN5647164 anti-IL1RAP antibody (AA 279-313)

Image



Overview

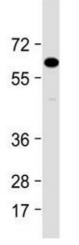
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Quantity:	0.05 mL
Target:	IL1RAP
Binding Specificity:	AA 279-313
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)
Product Details	
Immunogen:	A portion of amino acids 279-313 from human IL1RAP was used as the immunogen for the IL1RAP antibody.
lsotype:	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 other pathways. Signaling involves the recruitment of adapter molecules such as TOLLIP,

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Target Details

	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 liver lysate with IL1RAP antibody at 1:2000. Predicted molecular weight \sim 65 kDa.

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