

# hIL1R-pY496

Purified Rabbit Polyclonal Antibody (Pab)  
Catalog # AP22476a

## Product Information

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<b>Application</b>	WB, E
<b>Primary Accession</b>	<a href="#">P14778</a>
<b>Reactivity</b>	Human
<b>Host</b>	Rabbit
<b>Clonality</b>	polyclonal
<b>Isotype</b>	Rabbit Ig
<b>Clone Names</b>	R04087NP

## Additional Information

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<b>Other Names</b>	Interleukin-1 receptor type 1, IL-1R-1, IL-1RT-1, IL-1RT1, 3.2.2.6 {ECO:0000255   PROSITE-ProRule:PRU00204}, CD121 antigen-like family member A, Interleukin-1 receptor alpha, IL-1R-alpha, Interleukin-1 receptor type I, p80, CD121a, Interleukin-1 receptor type 1, membrane form, mIL-1R1, mIL-1RI, Interleukin-1 receptor type 1, soluble form, sIL-1R1, sIL-1RI, IL1R1, IL1R, IL1RA, IL1RT1
<b>Target/Specificity</b>	This antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between amino acids from human.
<b>Dilution</b>	WB~1:1000 E~Use at an assay dependent concentration.
<b>Format</b>	Purified polyclonal antibody supplied in PBS with 0.05% (V/V) Proclin 300. This antibody is purified through a protein A column, followed by peptide affinity purification.
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
<b>Precautions</b>	hIL1R-pY496 is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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### Background

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Receptor for IL1A, IL1B and IL1RN (PubMed: [2950091](#), PubMed:[37315560](#)). After binding to interleukin-1 associates with the coreceptor IL1RAP to form the high affinity interleukin-1 receptor complex which mediates interleukin-1-dependent activation of NF-kappa- B, MAPK 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. Binds ligands with comparable affinity and binding of antagonist IL1RN prevents association with IL1RAP to form a signaling complex. Involved in IL1B-mediated costimulation of IFNG production from T-helper 1 (Th1) cells (PubMed:[10653850](#)).

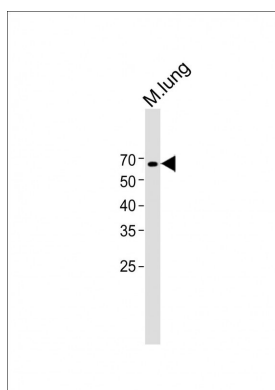
## References

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Chua A.O.,et al.Nucleic Acids Res. 17:10114-10114(1989).  
Sims J.E.,et al.Proc. Natl. Acad. Sci. U.S.A. 86:8946-8950(1989).  
Hillier L.W.,et al.Nature 434:724-731(2005).  
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.  
Mosley B.,et al.J. Biol. Chem. 262:2941-2944(1987).

## Images

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All lanes: Anti-IL1R Antibody pY496 at 1:2000 dilution +  
Mouse lung lysate Lysates/proteins at 20 µg per lane.  
Secondary: Goat Anti-Rabbit IgG, (H+L), Peroxidase  
conjugated (ASP1615) at 1/15000 dilution. Observed band  
size: 65 KDa Blocking/Dilution buffer: 5% NFDN/TBST.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.