

Anti-IL-1R2 Antibody

Catalog # AP61489

Product Information

Application	WB
Primary Accession	P27930
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	45421

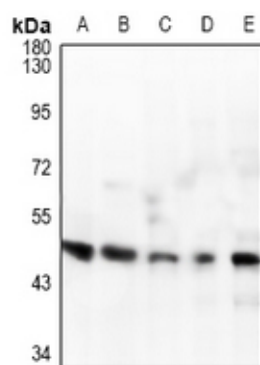
Additional Information

Gene ID	7850
Other Names	IL1RB; Interleukin-1 receptor type 2; IL-1R-2; IL-1RT-2; IL-1RT2; CD121 antigen-like family member B; CDw121b; IL-1 type II receptor; Interleukin-1 receptor beta; IL-1R-beta; Interleukin-1 receptor type II; CD121b
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human IL-1R2. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000)
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

Name	IL1R2
Synonyms	IL1RB
Function	Non-signaling receptor for IL1A, IL1B and IL1RN. Reduces IL1B activities. Serves as a decoy receptor by competitive binding to IL1B and preventing its binding to IL1R1. Also modulates cellular response through non-signaling association with IL1RAP after binding to IL1B. IL1R2 (membrane and secreted forms) preferentially binds IL1B and poorly IL1A and IL1RN. The secreted IL1R2 recruits secreted IL1RAP with high affinity; this complex formation may be the dominant mechanism for neutralization of IL1B by secreted/soluble receptors.
Cellular Location	[Isoform Short]: Secreted

Images



Western blot analysis of IL-1R2 expression in rat lung (A), mouse spleen (B), SHSY5Y (C), Myla2059 (D), A549 (E) whole cell lysates. (Predicted band size: 45 kD; Observed band size: 46 kD)

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