



Rabbit Anti-IL18R Beta antibody

SL2616R

Product Name:	IL18R Beta
Chinese Name:	白细胞介素-18受体β链抗体
Alias:	IL-18R Beta; Interleukin-18 receptor beta; Accessory protein like; IL18R Beta; AcPL; IL 18RacP; IL 1R accessor protein like; IL 1R7; IL 1RacPL; IL18Rbeta; Interleukin 18 receptor accessory protein; IL18RAP; Interleukin-18 receptor accessory protein-like; IL-18R-beta; IL-18Rbeta; Accessory protein-like; AcPL; Interleukin-1 receptor 7; IL-1R-7; IL-1R7; CD218 antigen-like family member B; CD218b; I18RA HUMAN.
文献引用 PubMed :	Specific References(1) SL2616R has been referenced in 1 publications. [IF=4.30] Valente, Anthony J., et al. "Interleukin-18 enhances IL-18R/Nox1 binding, and mediates TRAF3IP2-dependent smooth muscle cell migration. Inhibition by simvastatin." Cellular Signalling (2013). IP;Human. PubMed:23541442
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Horse,
Applications:	WB=1:500-2000ELISA=1:500-1000 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	68kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human IL-18R beta:15-120/599<Extracellular>
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	<p>IL18R Beta is an accessory subunit of the heterodimeric receptor for IL18. This protein enhances the IL18 binding activity of IL18R1 (IL1RRP), a ligand binding subunit of IL18 receptor. The coexpression of IL18R1 and IL18R Beta is required for the activation of NF-kappaB and MAPK8 (JNK) in response to IL18.</p> <p>Function: Required for the high affinity binding of interleukin 18 (IL-18) to its receptor complex. Together with IL18R1 mediates IL-18-dependent activation of NF-kappa-B and JNK.</p> <p>Subunit: Together with IL18R1, probably belongs to the IL-18 receptor complex. Seems not to interact directly with IL-18.</p> <p>Subcellular Location: Membrane; Single-pass type I membrane protein.</p> <p>Tissue Specificity: Strongly expressed in peripheral blood leukocytes, spleen, lung, and, to a lesser extent, in colon, but not in any other tissue tested. Strongly expressed in T-cells polarized with IL-12. Specifically coexpressed with IL18R1 in Th1 cells.</p> <p>Similarity: Belongs to the interleukin-1 receptor family. Contains 2 Ig-like C2-type (immunoglobulin-like) domains. Contains 1 TIR domain.</p> <p>SWISS: O95256</p> <p>Gene ID: 8807</p> <p>Database links: Entrez Gene: 8807Human Entrez Gene: 16174Mouse Omim: 604509Human SwissProt: O95256Human SwissProt: Q9Z2B1Mouse</p>

[Unigene: 158315](#)Human

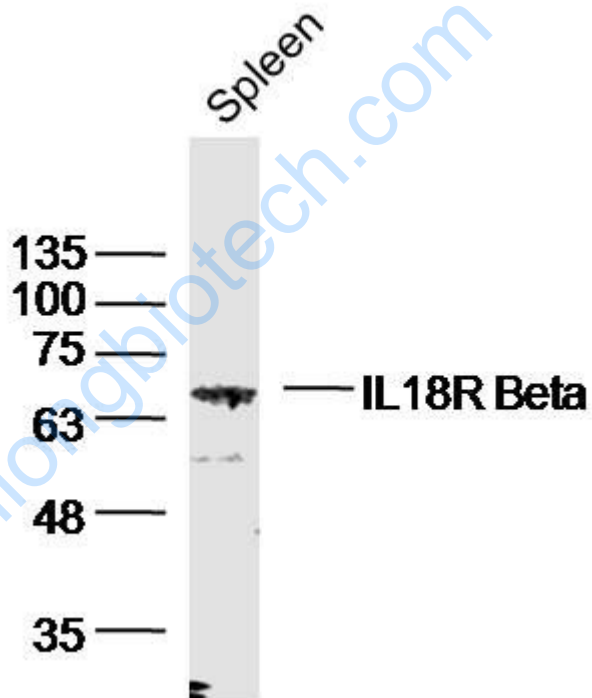
[Unigene: 20466](#)Mouse

[Unigene: 392521](#)Mouse

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Picture:



Sample:Spleen (Mouse)Lysate at 40 ug

Primary: Anti-IL18R Beta(SL2616R)at 1/300 dilution

Secondary: IRDye800CW Goat Anti-RabbitIgG at 1/20000 dilution

Predicted band size: 68kD

Observed band size: 68kD