

IL-1RI (phospho Tyr496) rabbit pAb

Cat No.: ES5869

For research use only

Overview

Product Name IL-1RI (phospho Tyr496) rabbit pAb

Host species Rabbit

Applications WB;IHC;IF;ELISA Species Cross-Reactivity Human;Mouse;Rat

Recommended dilutions Western Blot: 1/500 - 1/2000.

Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000. Not yet tested in other applications.

Immunogen The antiserum was produced against synthesized

peptide derived from human

IL-1Ralpha/CD121alpha around the phosphorylation

site of Tyr496. AA range:471-520

Specificity Phospho-IL-1RI (Y496) Polyclonal Antibody detects

endogenous levels of IL-1RI protein only when

phosphorylated at Y496.

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and

0.02% sodium azide.

Storage Store at -20°C. Avoid repeated freeze-thaw cycles.

Protein Name Interleukin-1 receptor type 1

Gene Name IL1R1

Cellular localization Membrane; Single-pass type I membrane protein.

Cell membrane . Secreted .

Purification The antibody was affinity-purified from rabbit

antiserum by affinity-chromatography using

epitope-specific immunogen.

Clonality Polyclonal
Concentration 1 mg/ml
Observed band 65kD
Human Gene ID 3554
Human Swiss-Prot Number P14778

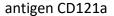
Alternative Names IL1R1; IL1R; IL1RA; IL1RT1; Interleukin-1 receptor

type 1; IL-1R-1; IL-1RT-1; IL-1RT1; CD121 antigen-like family member A; Interleukin-1 receptor alpha; IL-1R-alpha; Interleukin-1 receptor type I; p80; CD



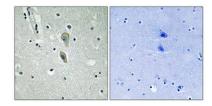


Background



This gene encodes a cytokine receptor that belongs to the interleukin-1 receptor family. The encoded protein is a receptor for interleukin-1 alpha, interleukin-1 beta, and interleukin-1 receptor antagonist. It is an important mediator involved in many cytokine-induced immune and inflammatory responses. This gene is located in a cluster of related cytokine receptor genes on chromosome 2q12. [provided by RefSeq, Dec 2013],

Immunohistochemical analysis of paraffin-embedded Human brain. Antibody was diluted at 1:100(4° overnight). High-pressure and temperature Tris-EDTA,pH8.0 was used for antigen retrieval. Negetive contrl (right) obtaned from antibody was pre-absorbed by i



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