

Product: Anti-IL-1RAcP(CT)
Catalog #: 12-2131
Amount: 25 mg

CATEGORY:
DESCRIPTION:

Rabbit Polyclonal

The pro-inflammatory cytokine IL-1 induced cellular response requires two subunits of its receptor, IL-1 receptor I (IL-1RI) and IL-1 receptor accessory protein (IL-1RAcP). IL-1RAcP forms a complex with IL-1RI in response to IL-1 treatment. The IL-1 receptor-associated kinase (IRAK), which mediates activation of NF- κ B inducing kinase (NIK) and of NF- κ B, recruits to the IL-1R complex through IL-1RAcP. IL-1 activation of stress-activated protein kinase and of acid sphingomyelinase also requires IL-1RAcP. Like IL-1RI, IL-1RAcP subunit is essential for IL-1 mediated cellular response. IL-1RAcP is expressed in many tissues.

FORM:
IMMUNOGEN:

Purified Ig Fraction in PBS containing 0.02% Sodium Azide
A peptide corresponding to amino acids 549 to 569 of human IL-1RAcP, which differs from the sequence of mouse origin by three amino acids.

APPLICATION:
REACTIVITY/SPECIES:

Immunoblotting (min. dilution 1:500)
Human, no cross reactivity to other member in the IL-1 receptor family.

RECOMMENDED FOR
POSITIVE CONTROL:
STORAGE:

whole lysate from HeLa cells (66 kDa band can be detected)
2-8°C for immediate use, or at -20°C (aliquot)

12-2131-1 Blocking peptide available

REFERENCES:

Huang, J. et al. (1997) Proc Natl Acad Sci USA **94**: 12829-12832
Wesche, H. et al. (1997) J Biol Chem **272**: 7727-7731
Hofmeister, R. et al. (1997) J Biol Chem **272**: 27730-27736

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