

IL1RAP polyclonal antibody

Catalog: BS7753

Host: Rabbit

Reactivity: Human, Mouse

BackGround:

Coreceptor with IL1R1 in the IL-1 signaling system. Associates with IL1R1 bound to IL1B to form the high affinity interleukin-1 receptor complex which mediates interleukin-1-dependent activation of NF-kappa-B 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. Recruits TOLLIP to the signaling complex. Does not bind to interleukin-1 alone; binding of IL1RN to IL1R1, prevents its association with IL1R1 to form a signaling complex. The cellular response is modulated through a non-signaling association with the membrane IL1R2 decoy receptor. Coreceptor for IL1RL1 in the IL-33 signaling system. Can bidirectionally induce pre- and postsynaptic differentiation of neurons by trans-synaptically binding to PTPRD (By similarity).

Product:

1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

73KDa

Swiss-Prot:

Q9NPH3

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB, 1:500 - 1:2000 | IHC, 1:50 - 1:200

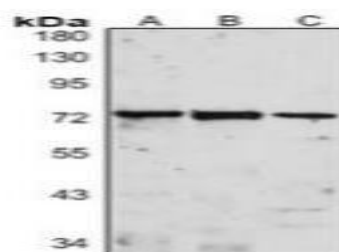
Storage&Stability:

Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze-thaw cycles.

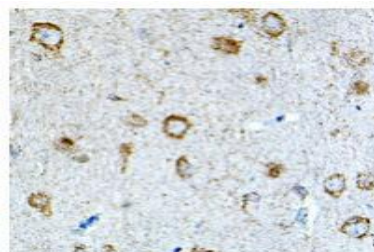
Specificity:

IL1RAP polyclonal antibody detects endogenous levels of IL1RAP protein.

DATA:



Western blot analysis of IL1RAP expression in SHSY5Y (A), mouse liver (B), rat liver (C) whole cell lysates.



Immunohistochemical analysis of IL1RAP staining in rat brain formalin fixed paraffin embedded tissue section.

Note:

For research use only, not for use in diagnostic procedure.

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