

ARG44470 anti-BCAP / PIK3AP1 antibody

Package: 50 µg
Store at: -20°C

Summary

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|---------------------|---|
| Product Description | Rabbit Polyclonal antibody recognizes BCAP / PIK3AP1 |
| Tested Reactivity | Hu |
| Tested Application | WB |
| Host | Rabbit |
| Clonality | Polyclonal |
| Target Name | BCAP / PIK3AP1 |
| Species | Human |
| Immunogen | Human BCAP/PIK3AP1 recombinant protein |
| Conjugation | Un-conjugated |
| Alternate Names | PIK3AP1; Phosphoinositide-3-Kinase Adaptor Protein 1; BCAP; B-Cell Phosphoinositide 3-Kinase Adapter Protein 1; B-Cell Adapter For Phosphoinositide 3-Kinase; Phosphoinositide 3-Kinase Adapter Protein 1 |

Application Instructions

| Application table | Application | Dilution |
|-------------------|-------------|----------------|
| | WB | 0.25-0.5 µg/ml |

Application Note The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

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| Form | Liquid |
| Purification | Affinity purification with immunogen. |
| Buffer | 0.9% NaCl, 0.2% Na ₂ HPO ₄ , 0.05% Sodium azide and 4% Trehalose. |
| Preservative | 0.05% Sodium azide |
| Stabilizer | 4% Trehalose |
| Concentration | 0.5 mg/ml |
| Storage instruction | For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use. |

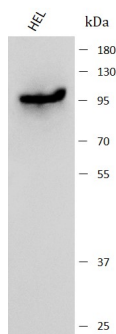
Bioinformation

| | |
|-------------|---------|
| Gene Symbol | PIK3AP1 |
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|-----------------------|--|
| Gene Full Name | Phosphoinositide-3-Kinase Adaptor Protein 1 |
| Background | Predicted to enable phosphatidylinositol 3-kinase regulatory subunit binding activity and signaling receptor binding activity. Predicted to be involved in regulation of inflammatory response; regulation of signal transduction; and toll-like receptor signaling pathway. Predicted to be located in cytoplasm and membrane. Predicted to be active in cytosol. |
| Function | Signaling adapter that contributes to B-cell development by linking B-cell receptor (BCR) signaling to the phosphoinositide 3-kinase (PI3K)-Akt signaling pathway. Has a complementary role to the BCR coreceptor CD19, coupling BCR and PI3K activation by providing a docking site for the PI3K subunit PIK3R1. Alternatively, links Toll-like receptor (TLR) signaling to PI3K activation, a process preventing excessive inflammatory cytokine production. Also involved in the activation of PI3K in natural killer cells. May be involved in the survival of mature B-cells via activation of REL. |
| Calculated Mw | 90 kDa |
| PTM | Phosphoprotein |
| Cellular Localization | Cell membrane, Cytoplasm, Membrane |

Images

ARG44470 anti-BCAP/PIK3AP1 antibody WB image



Western blot: HEL stained with ARG44470 anti-BCAP/PIK3AP1 antibody at 0.5 μ g/mL dilution.