

ARG44470 anti-BCAP / PIK3AP1 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes BCAP / PIK3AP1
Tested Reactivity	Hu
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
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

Form	Liquid
Purification	Affinity purified 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.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	PIK3AP1
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 µg/mL dilution.

