

Rabbit anti-Human Pik3ap1 Polyclonal Antibody | anti-Pik3ap1 antibody

Anti-Pik3ap1 Antibody, Rabbit Polyclonal

CATALOG # AAA256909	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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PRODUCT SYNONYMS

Pik3ap1; Polyclonal Antibody; Anti-Pik3ap1 Antibody; Rabbit Polyclonal; Pik3ap1 Antibody; Rabbit PAb; Antigen Affinity Purified; Anti-BCAP Antibody; anti-Pik3ap1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human Pik3ap1
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-Pik3ap1 antibody	IHC (Immunohistochemistry)
Immunogen	E Coli-derived Human Pik3ap1 fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human Pik3ap1 fragment, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunochemical staining of human Pik3ap1 in human lymph node with rabbit polyclonal antibody at 1:500 dilution, formalin-fixed paraffin embedded sections.



IHC (Immunohistochemistry)

Immunochemical staining of human Pik3ap1 in human spleen with rabbit polyclonal antibody at 1:500 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

Related Product Information for anti-Pik3ap1 antibody	The B-cell adapter protein (BCAP, PIK3AP1 gene) is a phosphoinositide 3-kinase (PI3K) binding protein and an important inhibitor of proliferation and myeloid cell differentiation that works in a cell-intrinsic manner. The PI3K signaling cascade influences cell proliferation and survival, metabolic reprogramming, and cellular migration. As a PI3K adaptor, BCAP is a key regulator of PI3K signaling and T-cell development into effector and memory cells. It is expressed in lymphoid as well as in myeloid cell populations. BCAP regulates inflammatory response. BCAP deficiency results in exaggerated innate immune response, leading to higher CD4+ activation and to more proliferative cells. As a macrophage signaling adaptor protein, it can dampen NLRP3 and NLRC4 inflammasome activation through interaction with the caspase-1 inhibitor. Altogether, BCAP could play a part in influencing systemic inflammation, which PFAPA syndrome is known for.
References	LovÅjin E, et al. (2020) Pik3ap1 and spon2 genes are differentially methylated in patients with periodic fever, aphthous stomatitis, pharyngitis, and adenitis (pfapa) syndrome. Front Immunol 11 1322.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/pik3ap1-antibody-immunohistochemistry-elisa/256909>