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SH3BP5 Antibody (N-Term)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP22165a

Product Information

Application	WB, E
Primary Accession	O60239
Reactivity	Human, Mouse
Predicted	Rat, Bovine, Canine, Rabbit, Chicken
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Clone Names	RB56279
Calculated MW	50425

Additional Information

Gene ID	9467
Other Names	SH3 domain-binding protein 5, SH3BP-5, SH3 domain-binding protein that preferentially associates with BTK, SH3BP5, SAB
Target/Specificity	This SH3BP5 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 63-97 amino acids from human SH3BP5.
Dilution	WB~~1:2000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	SH3BP5 Antibody (N-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	SH3BP5
Synonyms	SAB
Function	Functions as a guanine nucleotide exchange factor (GEF) with specificity for RAB11A and RAB25 (PubMed:26506309, PubMed:30217979). Inhibits the

	auto- and transphosphorylation activity of BTK. Plays a negative regulatory role in BTK-related cytoplasmic signaling in B- cells. May be involved in BCR-induced apoptotic cell death.
Cellular Location	Cytoplasmic vesicle membrane; Peripheral membrane protein. Mitochondrion. Note=Colocalizes with RAB11A on cytoplasmic vesicle membranes.
Tissue Location	Highly expressed in testis and ovaries. It is also expressed in a variety of tissues including spleen, lymph node, thymus, bone marrow, fetal liver, colon, small intestine and prostate

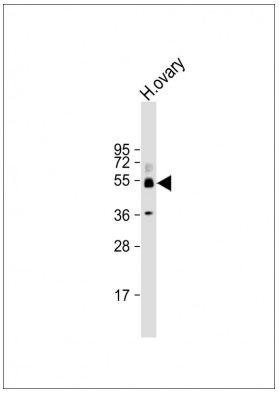
Background

Inhibits the auto- and transphosphorylation activity of BTK. Plays a negative regulatory role in BTK-related cytoplasmic signaling in B-cells. May be involved in BCR-induced apoptotic cell death.

References

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Ota T.,et al.Nat. Genet. 36:40-45(2004).
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Images



Anti-SH3BP5 Antibody (N-Term) at 1:2000 dilution + human ovary lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 50 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.