

# SH3BP5 Antibody (N-Term)

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP22165a

## Product Information

---

<b>Application</b>	WB, E
<b>Primary Accession</b>	<a href="#">O60239</a>
<b>Reactivity</b>	Human, Mouse
<b>Host</b>	Rabbit
<b>Clonality</b>	polyclonal
<b>Isotype</b>	Rabbit IgG
<b>Clone Names</b>	RB56279
<b>Calculated MW</b>	50425

## Additional Information

---

<b>Gene ID</b>	9467
<b>Other Names</b>	SH3 domain-binding protein 5, SH3BP-5, SH3 domain-binding protein that preferentially associates with BTK, SH3BP5, SAB
<b>Target/Specificity</b>	This SH3BP5 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 63-97 amino acids from human SH3BP5.
<b>Dilution</b>	WB~~1:2000 E~~Use at an assay dependent concentration.
<b>Format</b>	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.
<b>Storage</b>	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.
<b>Precautions</b>	SH3BP5 Antibody (N-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

---

<b>Name</b>	SH3BP5
<b>Synonyms</b>	SAB
<b>Function</b>	Functions as a guanine nucleotide exchange factor (GEF) with specificity for RAB11A and RAB25 (PubMed: <a href="#">26506309</a> , PubMed: <a href="#">30217979</a> ). 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.

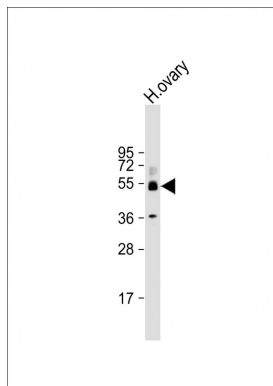
## References

---

Bechtel S.,et al.BMC Genomics 8:399-399(2007).  
Ota T.,et al.Nat. Genet. 36:40-45(2004).  
Muzny D.M.,et al.Nature 440:1194-1198(2006).  
Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.  
Matsushita M.,et al.Biochem. Biophys. Res. Commun. 245:337-343(1998).

## 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'.