

SH3BP5 Antibody (N-Term)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP22165a**Specification**

SH3BP5 Antibody (N-Term) - Product Information

Application	WB,E
Primary Accession	O60239
Reactivity	Human
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Calculated MW	50425

SH3BP5 Antibody (N-Term) - 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

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.

SH3BP5 Antibody (N-Term) - 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

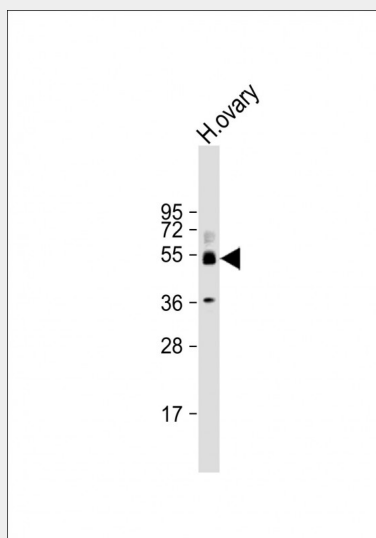
Highly expressed in testis and ovaries. It is also expressed in a variety of tissues including spleen, lymph node, thymus, bone marrow, fetal liver, colon, small intestine and prostate

SH3BP5 Antibody (N-Term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

SH3BP5 Antibody (N-Term) - 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.

SH3BP5 Antibody (N-Term) - 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.

SH3BP5 Antibody (N-Term) - References

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Ota T.,et al.Nat. Genet. 36:40-45(2004).
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Matsushita M.,et al.Biochem. Biophys. Res. Commun. 245:337-343(1998).