

Datasheet for ABIN499465

anti-SH3GLB1 antibody (C-Term)**2** Images[Go to Product page](#)

Overview

Quantity:	0.1 mg
Target:	SH3GLB1
Binding Specificity:	C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SH3GLB1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	BIF antibody was raised against a 15 amino acid peptide from near the carboxy terminus of human BIF.
Isotype:	IgG
Specificity:	This antibody reacts to BIF.
Purification:	Affinity chromatography purified via peptide column

Target Details

Target:	SH3GLB1
Alternative Name:	Endophilin-B1 (SH3GLB1 Products)
Background:	Apoptosis plays a major role in normal organism development, tissue homeostasis, and

Target Details

removal of damaged cells and is caused by the activation of proteolytic enzymes termed caspases. Proteins that comprise the Bcl-2 family such as Bax appear to control the activation of these enzymes. Bax activity was found to be regulated by its association with Bax-interacting factor 1 (BIF), a member of the endophilin B family that is associated with intracellular membranes.. Following this interaction, Bax undergoes a conformational change and translocates to mitochondrial membranes. The Bax/BIF interaction appears to be enhanced by apoptotic stimuli, suggesting that BIF acts as the trigger to activate Bax, and as suppression of BIF promoted HeLa cell colony formation in soft agar, it may have a role in the suppression of cancer progression. At least two isoforms of BIF are known to exist.Synonyms: BIF1, Bax-interacting factor 1, Bif-1, KIAA0491, SH3 domain-containing GRB2-like protein B1, SH3GLB1

Gene ID: 51100

UniProt: [Q9Y371](#)

Pathways: [Autophagy](#)

Application Details

Application Notes: ELISA. Western BLot: BIF antibody can be used for the detection of BIF at 1 - 2 µg/mL.
Immunocytochemistry.
Other applications not tested.
Optimal dilutions are dependent on conditions and should be determined by the user.

Restrictions: For Research Use only

Handling

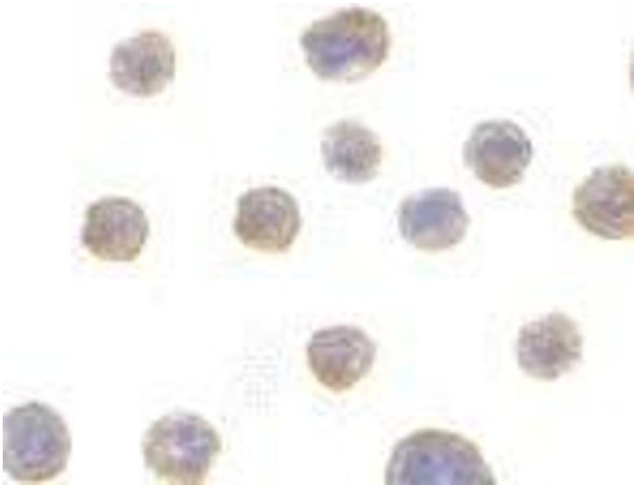
Buffer: PBS containing 0.02 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

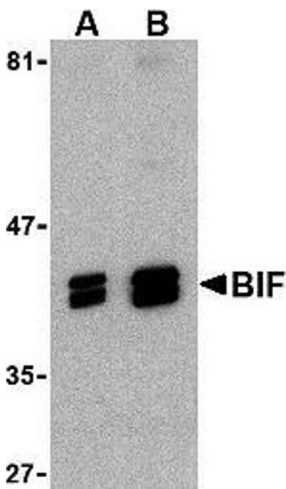
Storage: 4 °C

Storage Comment: Store the antibody undiluted at 2-8 °C.



Immunofluorescence

Image 1. Immunocytochemistry of BIF in HeLa with AP30149PU-N BIF antibody at 10 µg/ml.



Western Blotting

Image 2. Western blot analysis of BIF in HeLa cell lysate with AP30149PU-N BIF antibody at (A) 1 and (B) 2 µg/ml.