

Anti-BNI3L antibody



Description	Unconjugated Rabbit polyclonal to BNI3L
Model	STJ192181
Host	Rabbit
Reactivity	Human, Mouse
Applications	ELISA, WB
Gene ID	665
Gene Symbol	BNIP3L
Dilution range	WB 1:500-2000 ELISA 1:5000-20000
Specificity	BNI3L Polyclonal Antibody detects endogenous levels of protein.
Purification	BNI3L antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	BCL2/adenovirus E1B 19 kDa protein-interacting protein 3-like Adenovirus E1B19K-binding protein B5 BCL2/adenovirus E1B 19 kDa protein-interacting protein 3A NIP3-like protein X NIP3L
Molecular Weight	24 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid form in PBS containing 50% glycerol, and 0.02% sodium azide.

Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:1085OMIM:605368
Alternative Names	BCL2/adenovirus E1B 19 kDa protein-interacting protein 3-like Adenovirus E1B19K-binding protein B5 BCL2/adenovirus E1B 19 kDa protein-interacting protein 3A NIP3-like protein X NIP3L
Function	Induces apoptosis. Interacts with viral and cellular anti-apoptosis proteins. Can overcome the suppressors BCL-2 and BCL-XL, although high levels of BCL-XL expression will inhibit apoptosis. Inhibits apoptosis induced by BNIP3. Involved in mitochondrial quality control via its interaction with SPATA18/MIEAP: in response to mitochondrial damage, participates in mitochondrial protein catabolic process (also named MALM) leading to the degradation of damaged proteins inside mitochondria. The physical interaction of SPATA18/MIEAP, BNIP3 and BNIP3L/NIX at the mitochondrial outer membrane regulates the opening of a pore in the mitochondrial double membrane in order to mediate the translocation of lysosomal proteins from the cytoplasm to the mitochondrial matrix. May function as a tumor suppressor.
Cellular Localization	Nucleus envelope. Endoplasmic reticulum. Mitochondrion outer membrane. Membrane. Colocalizes with SPATA18 at the mitochondrion outer membrane.
Post-translational Modifications	Undergoes progressive proteolysis to an 11 kDa C-terminal fragment, which is blocked by the proteasome inhibitor lactacystin.