

**BNIP3L Rabbit mAb**  
Catalog # AP75162**Specification**

---

**BNIP3L Rabbit mAb - Product Information**

Application	<b>WB, IHC-P</b>
Primary Accession	<a href="#">O60238</a>
Reactivity	<b>Human</b>
Host	<b>Rabbit</b>
Clonality	<b>Monoclonal Antibody</b>
Calculated MW	<b>23930</b>

**BNIP3L Rabbit mAb - Additional Information****Gene ID** 665**Other Names**

BNIP3L

**Dilution**

WB~~1/500-1/1000

IHC-P~~N/A

**Format**

50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.

**Storage**

Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

**BNIP3L Rabbit mAb - Protein Information****Name** BNIP3L**Synonyms** BNIP3A, BNIP3H, NIX**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 Location**

Nucleus envelope. Endoplasmic reticulum. Mitochondrion outer membrane. Membrane;

Single-pass membrane protein. Note=Colocalizes with SPATA18 at the mitochondrion outer membrane

### BNIP3L Rabbit mAb - 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](#)

### BNIP3L Rabbit mAb - Images



