

BNIP1 Rabbit mAb
Catalog # AP77698**Specification**

BNIP1 Rabbit mAb - Product Information

Application	WB
Primary Accession	Q12981
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	26132

BNIP1 Rabbit mAb - Additional Information**Gene ID** 662**Other Names**

BNIP1

Dilution

WB~~1/500-1/1000

Format

Liquid

BNIP1 Rabbit mAb - Protein Information**Name** BNIP1**Synonyms** NIP1, SEC20L**Function**

As part of a SNARE complex may be involved in endoplasmic reticulum membranes fusion and be required for the maintenance of endoplasmic reticulum organization (PubMed: [15272311](http://www.uniprot.org/citations/15272311)). Also plays a role in apoptosis (PubMed: [15272311](http://www.uniprot.org/citations/15272311), PubMed: [23896122](http://www.uniprot.org/citations/23896122), PubMed: [7954800](http://www.uniprot.org/citations/7954800)). It is for instance required for endoplasmic reticulum stress-induced apoptosis (PubMed: [23896122](http://www.uniprot.org/citations/23896122)). As a substrate of RNF185 interacting with SQSTM1, might also be involved in mitochondrial autophagy (Probable).

Cellular Location

Endoplasmic reticulum membrane; Single-pass type IV membrane protein. Mitochondrion membrane; Single-pass type IV membrane protein. Note=Localization to the mitochondrion is regulated by RNF186.

Tissue Location

Isoform 1 is highly expressed in heart, brain, liver skeletal muscle and pancreas. Isoform 3 is moderately expressed in placenta, lung and kidney. Isoform 4 is highly expressed in testis and small intestine.

BNIP1 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](#)

BNIP1 Rabbit mAb - Images

