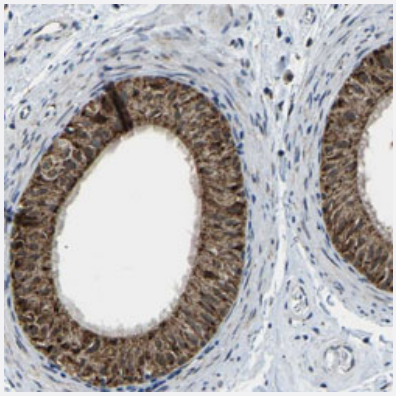
BNIP3L polyclonal antibody

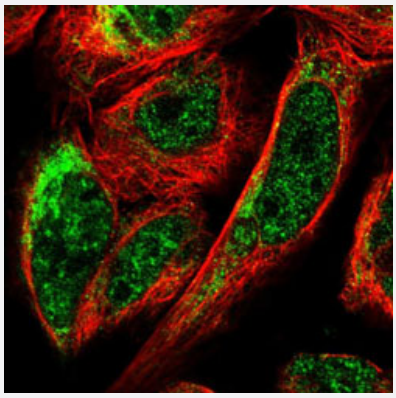
Catalog # PAB31456 Size 100 uL

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human epididymis with BNIP3L polyclonal antibody (Cat # PAB31456) shows strong cytoplasmic positivity.



Immunofluorescence

Immunofluorescent staining of U-2 OS cells with BNIP3L polyclonal antibody (Cat # PAB31456) (Green) shows localization to nuclear speckles and mitochondria.

Specification

Product Description	Rabbit polyclonal antibody raised against partial recombinant human BNIP3L.
Immunogen	Recombinant protein corresponding to human BNIP3L.
Sequence	SNGNDNGNGKNGGLEHVPSSSSIHNGDMEKILLDAQHESGQSSSRGSSHCDSPSPQEDGQIMF DVEMHTSRDHSSQSEEEVVEGEKEVEALKKSADWVSDWSSRPENIPPKEFHFRHPKRSVSLS MRKSGAMK
Host	Rabbit

Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunofluorescence (1-4 ug/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:200-1:500) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

  Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human epididymis with BNIP3L polyclonal antibody (Cat # PAB31456) shows strong cytoplasmic positivity.

- Immunofluorescence

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Gene Info — BNIP3L

Entrez GeneID	665
Protein Accession#	O60238
Gene Name	BNIP3L
Gene Alias	BNIP3a, NIX
Gene Description	BCL2/adenovirus E1B 19kDa interacting protein 3-like
Omim ID	605368
Gene Ontology	Hyperlink

Gene Summary	This gene is a member of the BCL2/adenovirus E1B 19 kd-interacting protein (BNIP) family. It interacts with the E1B 19 kDa protein which is responsible for the protection of virally-induced cell death, as well as E1B 19 kDa-like sequences of BCL2, also an apoptotic protector. The protein encoded by this gene is a functional homolog of BNIP3, a proapoptotic protein. This protein may function simultaneously with BNIP3 and may play a role in tumor suppression. [provided by RefSeq
Other Designations	BCL2/adenovirus E1B 19-kd protein-interacting protein 3a|BCL2/adenovirus E1B 19kD-interacting protein 3-like|adenovirus E1B19k-binding protein B5

Publication Reference

- MicroRNA-137 is a novel hypoxia-responsive microRNA that inhibits mitophagy via regulation of two mitophagy receptors FUNDC1 and NIX.

  Li W, Zhang X, Zhuang H, Chen HG, Chen Y, Tian W, Wu W, Li Y, Wang S, Zhang L, Chen Y, Li L, Zhao B, Sui S, Hu Z, Feng D.

  The Journal of Biological Chemistry 2014 Apr; 289(15):10691.

  Application: WB-Tr, Human, HEK 293, HeLa, SKNSH, SY5Y cells

- Immunofluorescence and fluorescent-protein tagging show high correlation for protein localization in mammalian cells.

  Charlotte Stadler, Elton Rexhepaj, Vasanth R Singan, Robert F Murphy, Rainer Pepperkok, Mathias Uhlén, Jeremy C Simpson, Emma Lundberg.

  Nature Methods 2013 Apr; 10(4):315.

Disease

- Genetic Predisposition to Disease
- Head and Neck Neoplasms
- Neoplasm Recurrence
- Neoplasms
- Prostatic Neoplasms