
Product Name: BNIP-3 Rabbit Polyclonal Antibody**Catalog #: APRab07619**

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,IHC,ICC/IF,ELISA
Reactivity	Human,Rat,Mouse
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:10000-1:20000
Molecular Weight	22kDa

Antigen Information

Gene Name	BNIP3
Alternative Names	BNIP3; NIP3; BCL2/adenovirus E1B 19 kDa protein-interacting protein 3
Gene ID	664.0
SwissProt ID	Q12983
Immunogen	The antiserum was produced against synthesized peptide derived from the Internal region of human BNIP3. AA range:71-120

Background

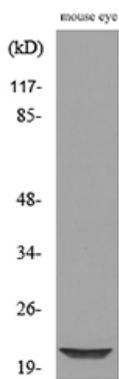
This gene encodes a mitochondrial protein that contains a BH3 domain and acts as a pro-apoptotic factor. The encoded

protein interacts with anti-apoptotic proteins, including the E1B 19 kDa protein and Bcl2. This gene is silenced in tumors by DNA methylation. [provided by RefSeq, Dec 2014],function:Apoptosis-inducing protein that, which can overcome BCL2 suppression. May play a role in repartitioning calcium between the two major intracellular calcium stores in association with BCL2.,similarity:Belongs to the NIP3 family.,subcellular location:Coexpression with the E1B 19-kDa protein results in a shift in NIP3 localization pattern to the nuclear envelope.,subunit:Homodimer. Binds to BCL2. Interacts with BNIP3L. Also can interact with adenovirus E1B 19 kDa protein or Epstein-Barr virus BHRF1.,

Research Area

Cell Biology

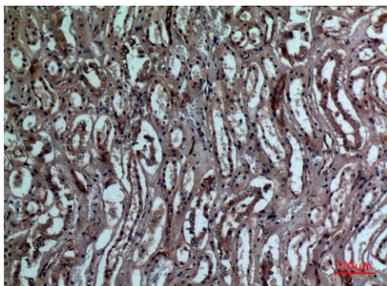
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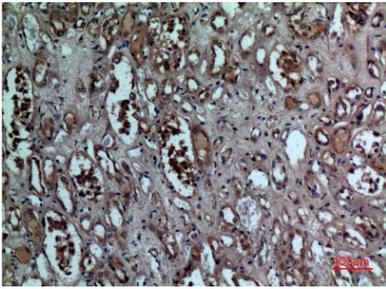
Western blot analysis of lysate from mouse eye cells, using BNIP3 Antibody.



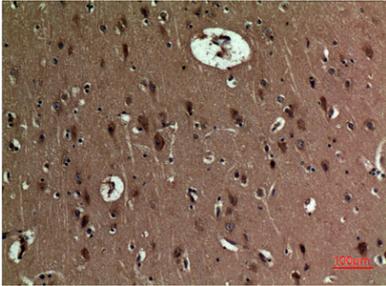
Western Blot analysis of mouse eye cells using BNIP-3 Polyclonal Antibody.. Secondary antibody was diluted at 1:20000



Immunohistochemical analysis of paraffin-embedded human-kidney, antibody was diluted at 1:100



Immunohistochemical analysis of paraffin-embedded human-kidney, antibody was diluted at 1:100



Immunohistochemical analysis of paraffin-embedded human-brain, antibody was diluted at 1:100