

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



Summary

Production Name	BNIP-3 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB,IHC-P,IF-P,IF-F,ICC/IF,ELISA
Reactivity	Human,Rat,Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

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

Application

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

Background

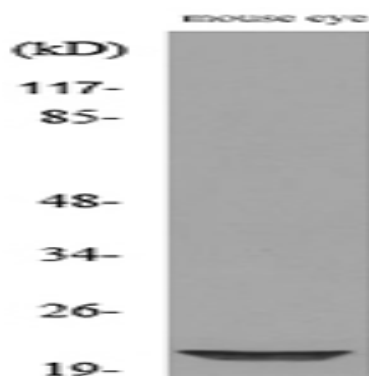
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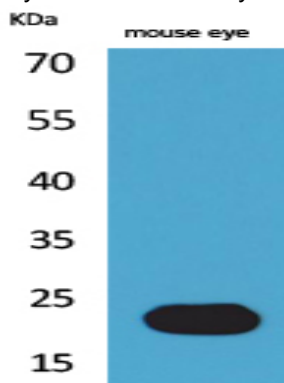
This gene encodes a mitochondrial protein that contains a BH3 domain and acts as a pro-apoptotic factor. The encoded protein interacts with anti-apoptotic proteins, including the E1B 19 kDa protein and Bcl2. This gene is silenced in tumors by DNA methylation. [provided by RefSeq, Dec 2014], function: 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

Image Data

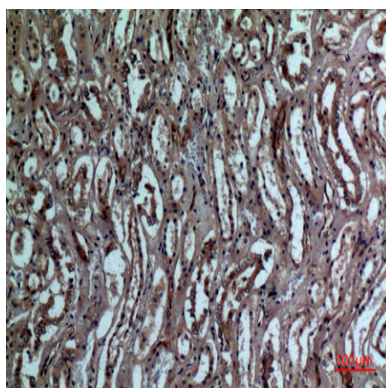


Western blot analysis of lysate from mouse eye cells, using BNIP3 Antibody.

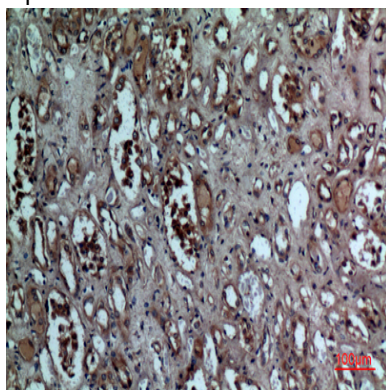


Western Blot analysis of mouse eye cells using BNIP-3 Polyclonal Antibody.. Secondary antibody was diluted at 1:20000

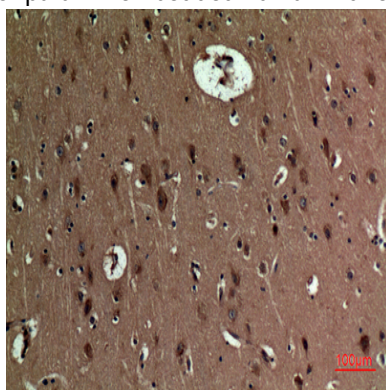
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Immunohistochemical analysis of paraffin-embedded human-kidney, antibody was diluted at 1:100



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

Note

For research use only.