

BNIP-3 Rabbit pAb

CatalogNo: YT5154

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse

Applications

- WB, IHC, IF, ELISA

MW

- 22kD (Observed)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:500-1:2000

IHC: 1:100-300

ELISA 1:20000

IF 1:50-200

Storage

Storage*

-15°C to -25°C/1 year (Do not lower than -25°C)

Formulation

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality

Polyclonal

Immunogen Information

Immunogen

The antiserum was produced against synthesized peptide derived from the Internal region of human BNIP3. AA range: 71-120

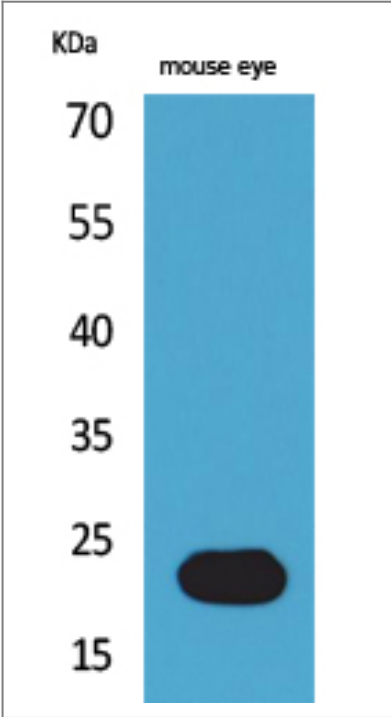
Specificity

BNIP-3 Polyclonal Antibody detects endogenous levels of BNIP-3 protein.

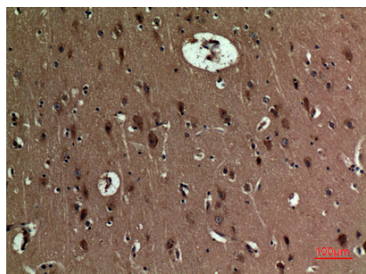
Target Information

Gene name	BNIP3		
Protein Name	BCL2/adenovirus E1B 19 kDa protein-interacting protein 3		
	Organism	Gene ID	UniProt ID
	Human	664;	Q12983;
	Mouse		O55003;
Cellular Localization	Mitochondrion. Mitochondrion outer membrane; Single-pass membrane protein. Coexpression with the E1B 19-kDa protein results in a shift in NIP3 localization pattern to the nuclear envelope. Colocalizes with ACAA2 in the mitochondria. Colocalizes with SPATA18 at the mitochondrion outer membrane.		
Tissue specificity	B-cell,Brain,Cerebellum,Kidney,Testis,		
Function	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.,		

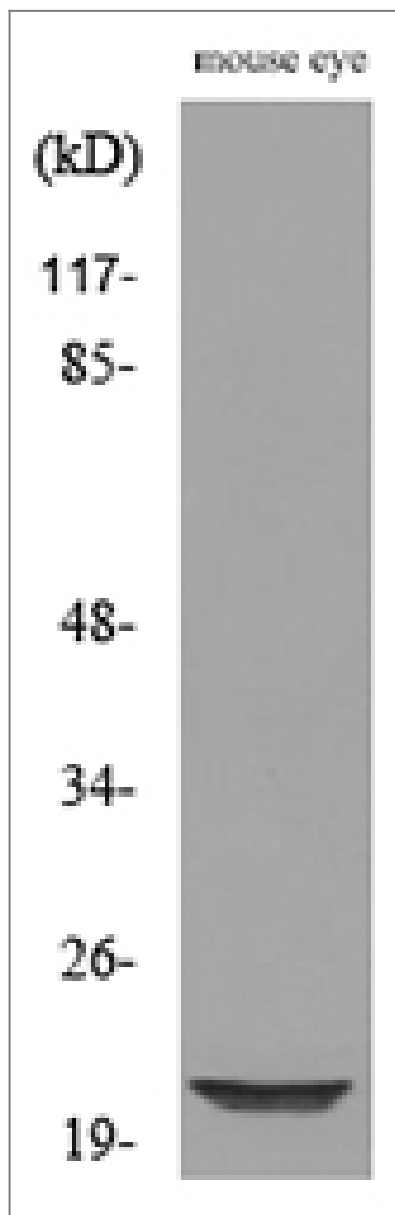
Validation Data



Western Blot analysis of mouse eye cells using BNIP-3 Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



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



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

Contact information

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BNIP-3 Rabbit pAb

