

BNI3L (PT0956R) PT® Rabbit mAb

CatalogNo: YM8567 **Recombinant** 

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB, IHC, IF, IP, ELISA

MW

- 24kD (Calculated)
- 38kD (Observed)

Isotype

- IgG, Kappa

Recommended Dilution Ratios

IHC 1:200-1:1000

WB 1:500-1:2000

IF 1:200-1:1000

ELISA 1:5000-1:20000

IP 1:50-1:200

Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)**Formulation** PBS, 50% glycerol, 0.05% Proclin 300, 0.05% BSA

Basic Information

Clonality Monoclonal**Clone Number** PT0956R

Immunogen Information

Specificity Endogenous

Target Information

Gene name BNIP3L BNIP3A BNIP3H NIX

Protein Name BCL2/adenovirus E1B 19 kDa protein-interacting protein 3-like (Adenovirus E1B19K-binding protein B5) (BCL2/adenovirus E1B 19 kDa protein-interacting protein 3A) (NIP3-like protein X) (NIP3L)

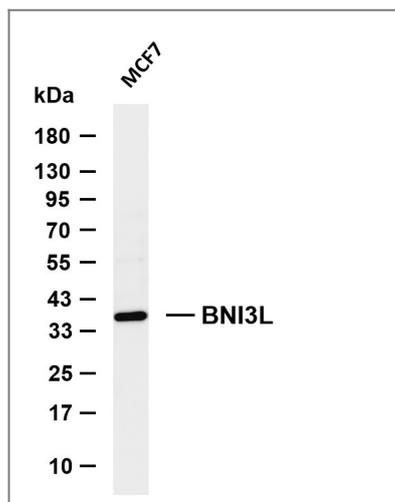
Organism	Gene ID	UniProt ID
Human	665;	O60238;
Mouse		Q9Z2F7;

Cellular Localization Nucleus envelope. Endoplasmic reticulum. Mitochondrion outer membrane. Membrane ; Single-pass membrane protein . Colocalizes with SPATA18 at the mitochondrion outer membrane.

Tissue specificity Bone marrow,Brain,Cervix,Epithelium,Fetal liver,Hair follicle dermal papill

Function Function:Induces apoptosis. Interacts with viral and cellular anti-apoptosis proteins. Can overcome the suppressors BCL-2 and BCL-XL, although high levels of BCL-XL expression will inhibit apoptosis. May function as a tumor suppressor. Inhibits apoptosis induced by BNIP3.,PTM:Undergoes progressive proteolysis to an 11 kDa C-terminal fragment, which is blocked by the proteasome inhibitor lactacystin.,similarity:Belongs to the NIP3 family.,subunit:Self-associates. Interacts with BNIP3 and STEAP3. Interacts with human adenovirus-2 E1B 19 kDa protein.,

Validation Data



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-BNI3L (PT0956R) antibody. The HRP-conjugated Goat anti-Rabbit IgG (H + L) antibody was used to detect the antibody. Lane 1: MCF7 Predicted band size: 24kDa Observed band size: 38kDa

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