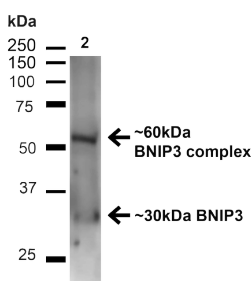


Anti-BNIP3 Antibody (A304942)

Specifications:

Name:	Anti-BNIP3 Antibody
Description:	Rabbit polyclonal antibody to BNIP3.
Specificity:	Predicted molecular weight at ~21.5 kDa. Observed bands at ~20-30 kDa and 50-60 kDa due to the homodimer complex of BNIP3.
Applications:	WB, ICC/IF
Recommended Dilutions:	WB: 1:1,000, ICC/IF: 1:100
Reactivity:	Human, Mouse
Immunogen:	Synthetic peptide from the C-terminal of human BNIP3.
Host:	Rabbit
Clonality:	Polyclonal
Isotype:	IgG
Conjugate:	Unconjugated
Purification:	Peptide affinity purification.
Concentration:	1 mg/ml
Product Form:	Liquid
Formulation:	Supplied in Phosphate Buffered Saline with 50% Glycerol and 0.09% Sodium Azide.
Storage:	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Disclaimer:	This product is for research use only. It is not intended for diagnostic or therapeutic use.

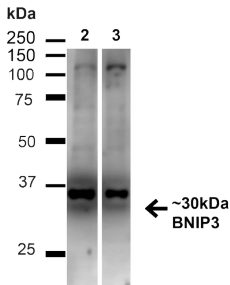
Images:



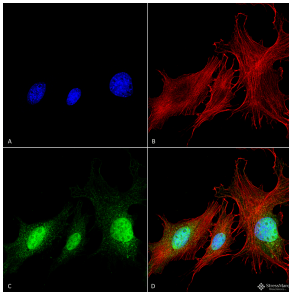
Western blot analysis of mouse kidney showing detection of ~30kDa BNIP3 protein using Anti-BNIP3 Antibody (A304942) at 1:1,000 for 1 hour at room temperature. Lane 1: MW Ladder. Lane 2: mouse kidney (20 µg). Load: 20 µg. Block: 5% milk + TBST for 1 hour at room temperature. The secondary antibody used was Goat Anti-Rabbit: HRP at 1:2000 for 1 hour at room temperature. Color Development: TMB solution for 12 min at room temperature. Predicted/Observed Size: ~30kDa. Other Band(s): ~60kDa (BNIP3 complex).

Anti-BNIP3 Antibody (A304942)

Images continued:



Western blot analysis of human HeLa and HEK293T cell lysates showing detection of ~30kDa BNIP3 protein using Anti-BNIP3 Antibody (A304942) at 1:1,000 for 1 hour at room temperature. Lane 1: MW Ladder. Lane 2: human HeLa (20 μ g). Lane 3: human 293T (20 μ g). Load: 20 μ g. Block: 5% milk + TBST for 1 hour at room temperature. The secondary antibody used was Goat Anti-Rabbit: HRP at 1:2000 for 1 hour at room temperature. Color Development: TMB solution for 12 min at room temperature. Predicted/Observed Size: ~30kDa.



Immunocytochemistry/Immunofluorescence analysis of human fibroblast cell line (NIH 3T3), fixed in 4% formaldehyde for 15 min at room temperature, using Anti-BNIP3 Antibody (A304942), at 1:100 for 60 minutes at room temperature. The secondary antibody used was Goat Anti-Rabbit ATTO 488 at 1:100 for 60 minutes at room temperature. Counterstain: Phalloidin Texas Red F-Actin stain; DAPI (blue) nuclear stain at 1:1000, 1:5,000 for 60min room temperature, 5min room temperature. Localization: Cytoplasm. Magnification: 60X. (A) DAPI (blue) nuclear stain (B) Phalloidin Texas Red F-Actin stain (C) BNIP3 Antibody (D) Composite.