

Datasheet for ABIN7295024
anti-BNIP2 antibody (C-Term)[Go to Product page](#)

2 Images

Overview

| | |
|----------------------|---|
| Quantity: | 100 µL |
| Target: | BNIP2 |
| Binding Specificity: | C-Term |
| Reactivity: | Human, Mouse, Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This BNIP2 antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunofluorescence (IF), Flow Cytometry (FACS), Immunochromatography (IC) |

Product Details

| | |
|------------------|---|
| Immunogen: | KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human BNIP2. |
| Specificity: | Recognizes endogenous levels of BNIP2 protein. |
| Characteristics: | Rabbit polyclonal antibody to BNIP2 |
| Purification: | The antibody was purified by immunogen affinity chromatography. |

Target Details

| | |
|-------------------|--|
| Target: | BNIP2 |
| Alternative Name: | BNIP2 (BNIP2 Products) |

Target Details

| | |
|-------------|--|
| Background: | NIP2, BCL2/adenovirus E1B 19 kDa protein-interacting protein 2 |
| Gene ID: | 663, 12175 |
| UniProt: | Q12982 , O54940 |
| Pathways: | Regulation of Muscle Cell Differentiation |

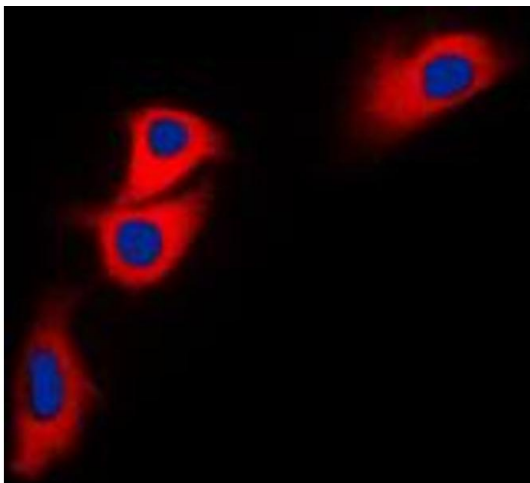
Application Details

| | |
|--------------------|--|
| Application Notes: | WB (1:500 - 1:1000), IF/IC (1:100 - 1:500), FC (1:100 - 1:200) |
| Restrictions: | For Research Use only |

Handling

| | |
|--------------------|--|
| Format: | Liquid |
| Buffer: | Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % sodium azide. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | -20 °C |
| Storage Comment: | Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles. |
| Expiry Date: | 12 months |

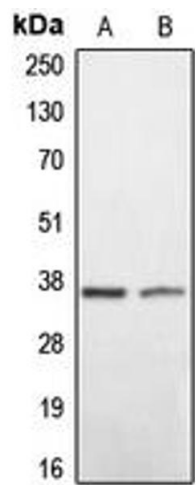
Images



Immunofluorescence

Image 1. Immunofluorescent analysis of BNIP2 staining in HEK293T cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room

temperature in the dark. DAPI was used to stain the cell nuclei (blue).



Western Blotting

Image 2. Western blot analysis of BNIP2 expression in HEK293T (A), mouse liver (B) whole cell lysates.