

## BNIP3 Antibody

**CAB5683**

### Description

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This BNIP3 Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

### Product Information

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**SKU:** CAB5683  
**Contents:** 20  $\mu$ L, 100  $\mu$ L  
Bradford Reagent: 1 vial (2ml)  
**Category:** Polyclonal Antibody  
**Synonyms:** NIP3, HABON, BNIP3  
**Clone:** -  
**Applications:** **WB** **IHC-P** **ELISA**  
**Conjugation:** Unconjugated  
**Reactivity:** Human, Mouse, Rat

### Antibody Data

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**Gene ID:** 664  
**Uniprot:** AB\_2766443  
**Host Species:** Rabbit  
**Purification:** Affinity purification  
**Observed MW:** 22-70kDa  
**Calculated MW:** 22kDa

## Preparation & Storage

**Storage:** Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Store Bradford Reagent at Room Temperature for 1 Year.

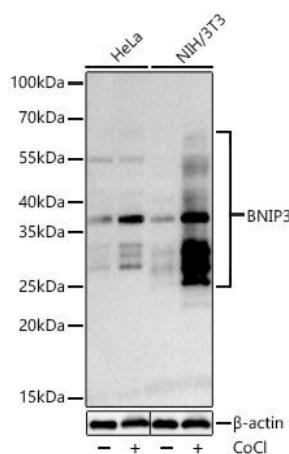
**Positive Sample:** HeLa, NIH/3T3

**Recommended Dilutions:**

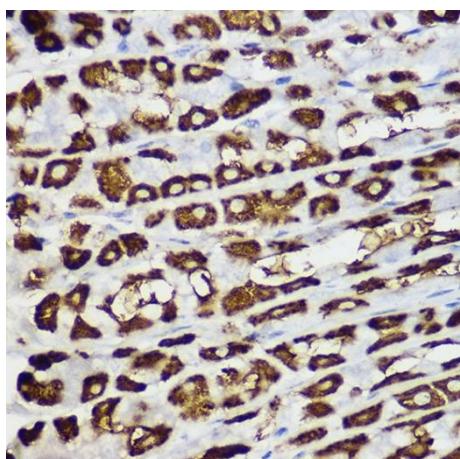
<b>WB</b>	1:500 - 1:1000
<b>IHC-P</b>	1:50 - 1:200
<b>ELISA</b>	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

**Protein Quantification (Optional):** To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

## Validation Data



Western blot analysis of various lysates using BNIP3 Rabbit pAb (CAB5683) at 1:1000 dilution incubated overnight at 4°C. Hela and NIH/3T3 cells were treated by Cobalt chloride (0.1 mM) at 37°C for 4 hours. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 30 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 45s.



Immunohistochemistry analysis of paraffin-embedded Mouse stomach using BNIP3 Rabbit pAb (CAB5683) at dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.