

## Product datasheet for **TA349635**

### BNIP3 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 200-1000 WB positive control: A172 cells IHC: 25-100 Positive control: Human thyroid cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human BNIP3
Formulation:	pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	22 kDa
Gene Name:	BCL2/adenovirus E1B 19kDa interacting protein 3
Database Link:	<a href="#">NP_004043</a> <a href="#">Entrez Gene 12176 Mouse</a> <a href="#">Entrez Gene 664 Human</a> <a href="#">Q12983</a>



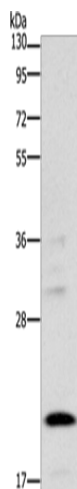
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**Background:** This gene is a member of the BCL2/adenovirus E1B 19 kd-interacting protein (BNIP) family. It interacts with the E1B 19 kDa protein, which protects cells from virally-induced cell death. The encoded protein also interacts with E1B 19 kDa-like sequences of BCL2, another apoptotic protector. This protein contains a BH3 domain and a transmembrane domain, which have been associated with pro-apoptotic function. The dimeric mitochondrial protein encoded by this gene is known to induce apoptosis, even in the presence of BCL2.

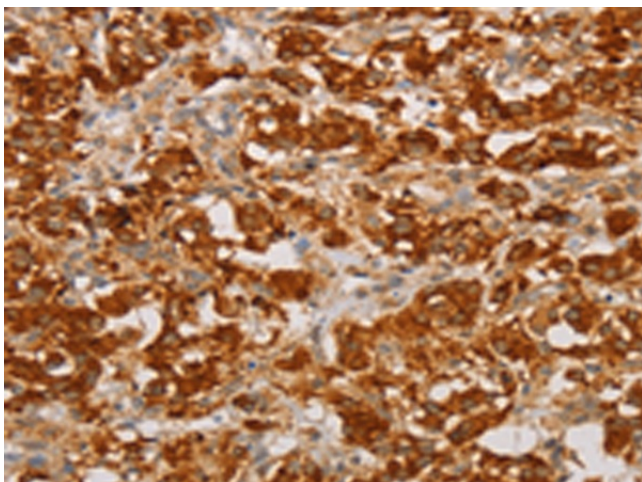
**Synonyms:** NIP3

**Protein Families:** Druggable Genome, Transmembrane

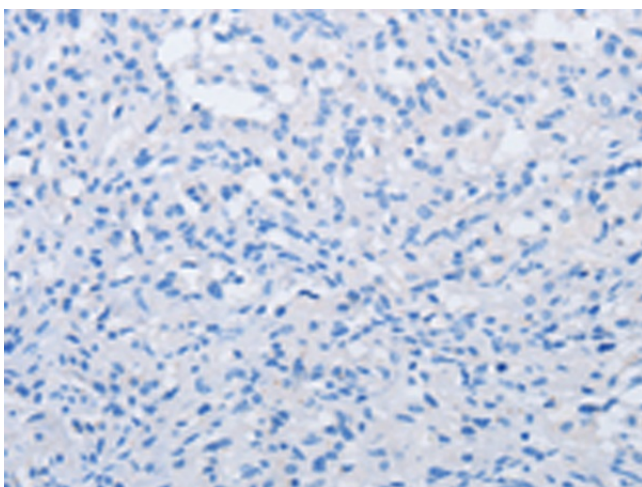
### Product images:



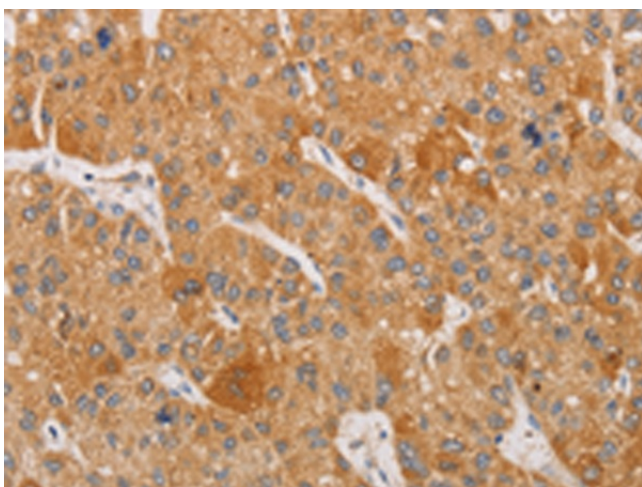
Gel: 10%SDS-PAGE  
Lysate: 40 µg  
Lane: A172 cells  
Primary antibody: TA349635 (BNIP3 Antibody) at dilution 1/300  
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution  
Exposure time: 2 minutes



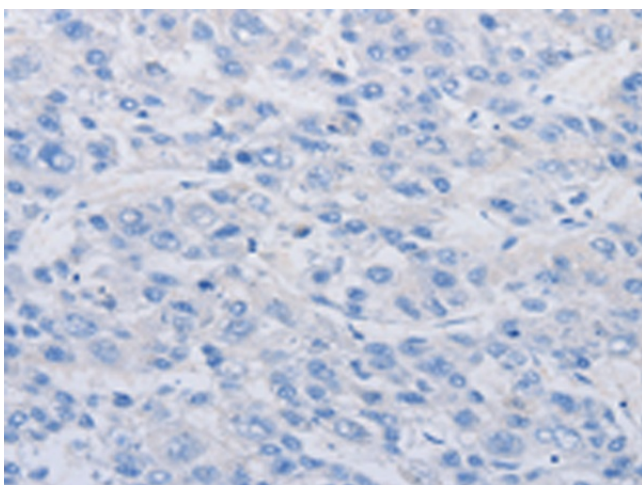
Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using TA349635 (BNIP3 Antibody) at dilution 1/20 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using TA349635 (BNIP3 Antibody) at dilution 1/20, treated with fusion protein. (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using TA349635 (BNIP3 Antibody) at dilution 1/20 (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using TA349635 (BNIP3 Antibody) at dilution 1/20, treated with fusion protein. (Original magnification:  $\times 200$ )