

Product datasheet for **TA306340**

BCL2A1 Rabbit Polyclonal Antibody

Product data:

| | |
|-----------------------|--|
| Product Type: | Primary Antibodies |
| Applications: | IF, IHC, WB |
| Recommended Dilution: | WB: 1 - 2 ug/mL, IF: 20 ug/mL |
| Reactivity: | Human, Mouse, Rat |
| Host: | Rabbit |
| Isotype: | IgG |
| Clonality: | Polyclonal |
| Immunogen: | Bfl-1 antibody was raised against a 14 amino acid peptide from near the amino terminus of human Bfl-1. |
| Formulation: | PBS containing 0.02% sodium azide. |
| Concentration: | 1ug/ul |
| Purification: | Affinity chromatography purified via peptide column |
| Conjugation: | Unconjugated |
| Storage: | Antibody can be stored at 4°C up to one year. Antibodies should not be exposed to prolonged high temperatures. |
| Stability: | Stable for 12 months from date of receipt. |
| Gene Name: | BCL2 related protein A1 |
| Database Link: | NP_004040 Entrez Gene 597 Human Q16548 |



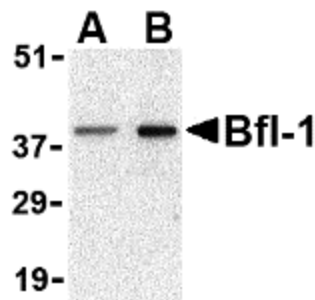
[View online »](#)

Background:

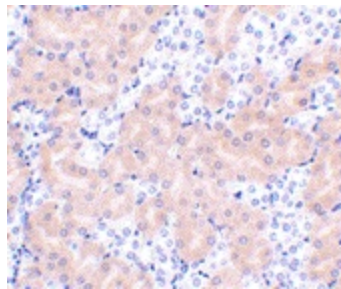
Apoptosis plays a major role in normal organism development, tissue homeostasis, and removal of damaged cells and is caused by caspase activation. Proteins that comprise the Bcl-2 family appear to control the activation of these enzymes. One such member is multi-domain antiapoptotic protein Bfl-1, which is overexpressed in stomach and other cancers. Bfl-1 can interact with Bax and suppress apoptosis by inhibiting the release of cytochrome c and caspase-3 activation. It is upregulated in cisplatin-resistant human bladder tumors, suggesting that its expression may be important for cisplatin resistance and inhibition of apoptosis in cancer cells. At least two isoforms of Bfl-1 are known to exist. Presumably due to post-translational modifications, Bfl-1 is often observed at higher molecular weight in SDS-PAGE than its predicted molecular weight would suggest.

Synonyms:

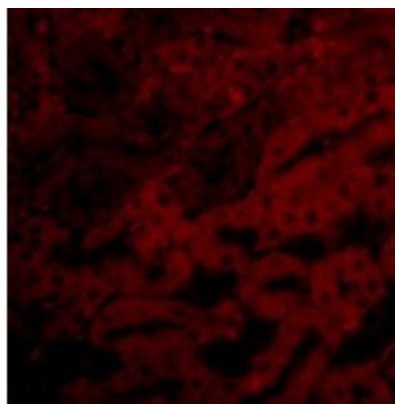
ACC-1; ACC-2; ACC1; ACC2; BCL2L5; BFL1; GRS; HBPA1

Product images:


Western blot analysis of Bfl-1 in mouse kidney tissue lysate with Bfl-1 antibody at (A) 1 and (B) 2 ug/ml.



Immunohistochemistry of Bfl-1 in mouse kidney tissue with Bfl-1 antibody at 2 ug/ml.



Immunofluorescence of Bfl-1 in Mouse Kidney tissue with Bfl-1 antibody at 20 ug/mL.