

## Rabbit BCLAF1 Polyclonal Antibody | anti-BCLAF1 antibody

BCLAF1 Antibody

|                              |                       |                                        |                                                                  |
|------------------------------|-----------------------|----------------------------------------|------------------------------------------------------------------|
| CATALOG #<br><b>AAA40848</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot, ELISA</b> |
|------------------------------|-----------------------|----------------------------------------|------------------------------------------------------------------|

### PRODUCT SYNONYMS

BCLAF1; Polyclonal Antibody; BCLAF1 Antibody; BCL2-associated transcription factor 1; anti-BCLAF1 antibody

### PRODUCT SPECIFICATIONS

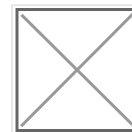
|                                                  |                                                                                                                                                     |
|--------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                                                                              |
| Reactivity                                       | Human, Mouse, Rat                                                                                                                                   |
| Clonality                                        | Polyclonal                                                                                                                                          |
| Isotype                                          | IgG                                                                                                                                                 |
| Specificity                                      | BCLAF1 antibody is human, mouse and rat reactive. At least four isoforms of BCLAF1 are known to exist; this antibody will detect all but isoform 2. |
| Purity/Purification                              | Affinity chromatography purified via peptide column.                                                                                                |
| Form/Format                                      | Liquid                                                                                                                                              |
| Concentration                                    | 1 mg/mL (varies by lot)                                                                                                                             |
| Sequence Length                                  | 920                                                                                                                                                 |
| Applicable Applications for anti-BCLAF1 antibody | IHC (Immunohistochemistry), WB (Western Blot), ELISA                                                                                                |
| Immunogen                                        | BCLAF1 antibody was raised against a 19 amino acid peptide near the carboxy terminus of human BCLAF1.                                               |
| Buffer                                           | Supplied in PBS containing 0.02% sodium azide.                                                                                                      |
| Positive Control 1                               | 3T3 Cell Lysate                                                                                                                                     |
| Conjugate                                        | Unconjugated                                                                                                                                        |
| Preparation and Storage                          | Store at 4 degree C for three months and -20 degree C, stable for up to one year.                                                                   |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemistry of BCLAF1 in mouse brain tissue with BCLAF1 antibody at 5 &amp;#956;g/mL.



#### WB (Western Blot)

Western blot analysis of BCLAF1 in human brain tissue lysate with BCLAF1 antibody at 1 &amp;#956;g/ml.

## ADDITIONAL INFORMATION

|                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Related Product Information for anti-BCLAF1 antibody</b> | The BCL2-associated transcription factor 1 (BCLAF1) is a transcriptional repressor that interacts with several members of the BCL2 family of proteins. Overexpression of this protein induces apoptosis, which can be suppressed by co-expression of BCL2 proteins (1). BCLAF1 localizes to dot-like structures throughout the nucleus, and redistributes to a zone near the nuclear envelope in cells undergoing apoptosis. (2). More recent studies have suggested BCLAF1 plays roles in processes not associated with actions of the BCL2 family members, including lung development, T cell activation, and post-transcriptional processes that affect mRNA metabolism (3). |
| <b>Product Categories/Family for anti-BCLAF1 antibody</b>   | <a href="#">Stem Cell</a> ; <a href="#">Apoptosis</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>References</b>                                           | Kasof GM, Goyal L, and White E. Btf, a novel death-promoting transcriptional repressor that interacts with Bcl-2-related proteins. Mol. Cell Biol. 1999; 19:4390-404. Haraguchi T, Holaska JM, Yamana M, et al. Emerin binding to Btf, a death-promoting transcriptional repressor, is disrupted by a missense mutation that causes Emery-Dreifuss muscular dystrophy. Eur. J. Biochem. 2004; 271:1035-45. Sarras H, Azami SA, and McPherson JP. In search of a function for BCLAF1. The Scientific World Journal 2010; 10:1450-61.                                                                                                                                             |

## NCBI AND UNIPROT INFORMATION

|                                         |                                                                                                                                                                              |
|-----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>NCBI GI #</b>                        | <a href="#">7661958</a>                                                                                                                                                      |
| <b>NCBI GeneID</b>                      | <a href="#">9774</a>                                                                                                                                                         |
| <b>NCBI Accession #</b>                 | <a href="#">NP_055554</a>                                                                                                                                                    |
| <b>NCBI GenBank Nucleotide #</b>        | <a href="#">NM_014739.2</a>                                                                                                                                                  |
| <b>UniProt Accession #</b>              | <a href="#">Q9NYF8</a> ; <a href="#">Q14673</a> ; <a href="#">Q86WU6</a> ; <a href="#">Q86WY0</a> ; <a href="#">A2RU75</a> ; <a href="#">B7ZM58</a> ; <a href="#">E1P586</a> |
| <b>Molecular Weight</b>                 | Predicted: 101 kDa<br>Observed: 105 kDa                                                                                                                                      |
| <b>NCBI Official Full Name</b>          | bcl-2-associated transcription factor 1 isoform 1                                                                                                                            |
| <b>NCBI Official Synonym Full Names</b> | BCL2 associated transcription factor 1                                                                                                                                       |
| <b>NCBI Official Symbol</b>             | BCLAF1                                                                                                                                                                       |
| <b>NCBI Official Synonym Symbols</b>    | BTF; bK211L9.1                                                                                                                                                               |
| <b>NCBI Protein Information</b>         | bcl-2-associated transcription factor 1                                                                                                                                      |
| <b>UniProt Protein Name</b>             | Bcl-2-associated transcription factor 1                                                                                                                                      |
| <b>UniProt Gene Name</b>                | <b>BCLAF1</b>                                                                                                                                                                |
| <b>UniProt Synonym Gene Names</b>       | BTF; KIAA0164; Btf                                                                                                                                                           |
| <b>UniProt Entry Name</b>               | BCLF1_HUMAN                                                                                                                                                                  |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/bclaf1-antibody-immunohistochemistry-western-blot-elisa/40848>