

## Rabbit ID4 Polyclonal Antibody | anti-ID4 antibody

Anti-ID4 Antibody

|                               |                       |                                             |                                                           |
|-------------------------------|-----------------------|---------------------------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA260644</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat, Pig</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot</b> |
|-------------------------------|-----------------------|---------------------------------------------|-----------------------------------------------------------|

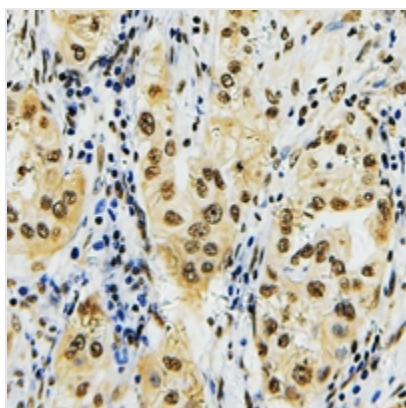
### PRODUCT SYNONYMS

ID4; Polyclonal Antibody; Anti-ID4 Antibody; BHLHB27; DNA-binding protein inhibitor ID-4; Class B basic helix-loop-helix protein 27; bHLHb27; Inhibitor of DNA binding 4; anti-ID4 antibody

### PRODUCT SPECIFICATIONS

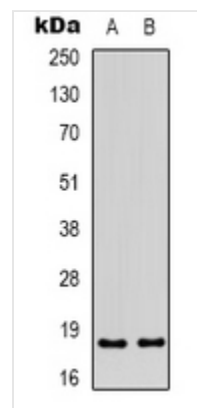
|                                               |                                                                                                                                    |
|-----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| Host                                          | Rabbit                                                                                                                             |
| Reactivity                                    | Human, Mouse, Rat, Pig                                                                                                             |
| Clonality                                     | Polyclonal                                                                                                                         |
| Specificity                                   | Recognizes endogenous levels of ID4 protein.                                                                                       |
| Purity/Purification                           | The antibody was purified by affinity chromatography.                                                                              |
| Form/Format                                   | Liquid in PBS, pH 7.3, 0.2% BSA, and 0.02% Sodium Azide.                                                                           |
| Sequence Length                               | 161                                                                                                                                |
| Applicable Applications for anti-ID4 antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                                                      |
| Immunogen                                     | KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human ID4. The exact sequence is proprietary. |
| Preparation and Storage                       | Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.                     |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemical analysis of ID4 staining in human lung cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



#### WB (Western Blot)

Western blot analysis of ID4 expression in HEK293T (A), HepG2 (B) whole cell lysates.

ADDITIONAL INFORMATION

|                                                   |                                   |
|---------------------------------------------------|-----------------------------------|
| Related Product Information for anti-ID4 antibody | Rabbit polyclonal antibody to ID4 |
|---------------------------------------------------|-----------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                         |
|----------------------------------|-----------------------------------------|
| NCBI GI #                        | 1352422                                 |
| NCBI GeneID                      | 3400                                    |
| UniProt Accession #              | P47928; Q13005                          |
| Molecular Weight                 | 16,622 Da                               |
| NCBI Official Full Name          | DNA-binding protein inhibitor ID-4      |
| NCBI Official Synonym Full Names | inhibitor of DNA binding 4, HLH protein |
| NCBI Official Symbol             | ID4                                     |
| NCBI Official Synonym Symbols    | IDB4; bHLHb27                           |
| NCBI Protein Information         | DNA-binding protein inhibitor ID-4      |
| UniProt Protein Name             | DNA-binding protein inhibitor ID-4      |
| UniProt Gene Name                | ID4                                     |
| UniProt Synonym Gene Names       | BHLHB27; bHLHb27                        |
| UniProt Entry Name               | ID4_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://www.aaabiotech.com/polyclonal/id4-antibody-immunohistochemistry-western-blot-elisa/260644>