

## Rabbit ARNT2 Polyclonal Antibody | anti-ARNT2 antibody

Anti-ARNT2 Antibody

|                               |                       |                                                   |                                                           |
|-------------------------------|-----------------------|---------------------------------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA292522</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat, Zebrafish</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot</b> |
|-------------------------------|-----------------------|---------------------------------------------------|-----------------------------------------------------------|

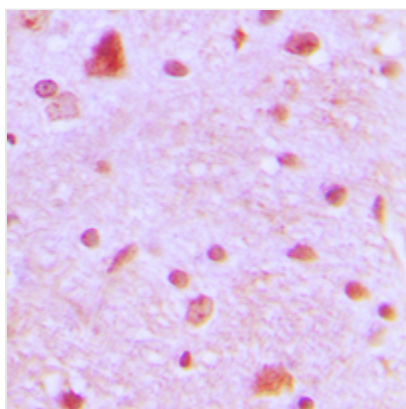
### PRODUCT SYNONYMS

ARNT2; Polyclonal Antibody; Anti-ARNT2 Antibody; BHLHE1; KIAA0307; Aryl hydrocarbon receptor nuclear translocator 2; ARNT protein 2; Class E basic helix-loop-helix protein 1; bHLHe1; anti-ARNT2 antibody

### PRODUCT SPECIFICATIONS

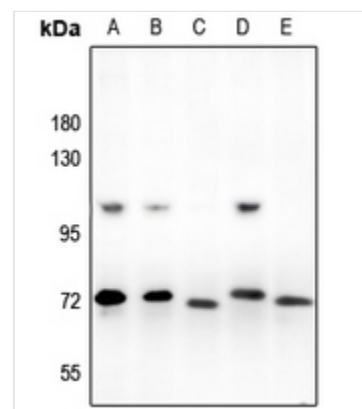
|                                                 |                                                                                                                                                       |
|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                                                |
| Reactivity                                      | Human, Mouse, Rat, Zebrafish                                                                                                                          |
| Clonality                                       | Polyclonal                                                                                                                                            |
| Applicable Applications for anti-ARNT2 antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                                                                         |
| Preparation and Storage                         | Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles. |

### IMAGES



#### IHC (Immunohistochemistry)

Dilution: WB: (1/500 - 1/1000), IH (1/100 - 1/200) Immunohistochemical analysis of ARNT2 staining in human brain 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)

Dilution: WB (1/500 - 1/1000), IH (1/100 - 1/200) Western blot analysis of ARNT2 expression in K562 (A), A549 (B), HeLa (C), Beas2B (D), BV2 (E) whole cell lysates.

### ADDITIONAL INFORMATION

#### Related Product Information for anti-ARNT2 antibody

Rabbit polyclonal antibody to ARNT2  
KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human ARNT2. The exact sequence is proprietary.

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                            |
|----------------------------------|------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 68303555                                                                                                   |
| NCBI GeneID                      | 9915                                                                                                       |
| NCBI Accession #                 | NP_055677.3                                                                                                |
| NCBI GenBank Nucleotide #        | NM_014862.3                                                                                                |
| UniProt Accession #              | Q9HBZ2; O15024; Q8IYC2; B4DIS7                                                                             |
| Molecular Weight                 | 78,691 Da                                                                                                  |
| NCBI Official Full Name          | aryl hydrocarbon receptor nuclear translocator 2                                                           |
| NCBI Official Synonym Full Names | aryl-hydrocarbon receptor nuclear translocator 2                                                           |
| NCBI Official Symbol             | ARNT2                                                                                                      |
| NCBI Official Synonym Symbols    | bHLHe1                                                                                                     |
| NCBI Protein Information         | aryl hydrocarbon receptor nuclear translocator 2; ARNT protein 2; class E basic helix-loop-helix protein 1 |
| UniProt Protein Name             | Aryl hydrocarbon receptor nuclear translocator 2                                                           |
| UniProt Gene Name                | ARNT2                                                                                                      |
| UniProt Synonym Gene Names       | BHLHE1; KIAA0307; ARNT protein 2; bHLHe1                                                                   |
| UniProt Entry Name               | ARNT2_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/arnt2-antibody-immunohistochemistry-western-blot-elisa/292522>