

## Rabbit CLOCK Polyclonal Antibody | anti-CLOCK antibody

Rabbit anti-CLOCK Antibody

|                               |                       |                                                           |                                                           |
|-------------------------------|-----------------------|-----------------------------------------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA223417</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat, Chicken, Dog, Pig</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot</b> |
|-------------------------------|-----------------------|-----------------------------------------------------------|-----------------------------------------------------------|

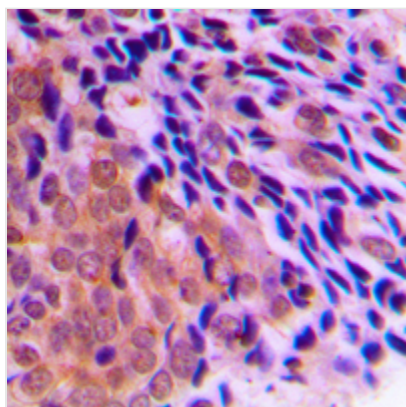
### PRODUCT SYNONYMS

CLOCK; Polyclonal Antibody; Rabbit anti-CLOCK Antibody; BHLHE8; KIAA0334; Circadian locomotor output cycles protein kaput; hCLOCK; Class E basic helix-loop-helix protein 8; bHLHe8; anti-CLOCK antibody

### PRODUCT SPECIFICATIONS

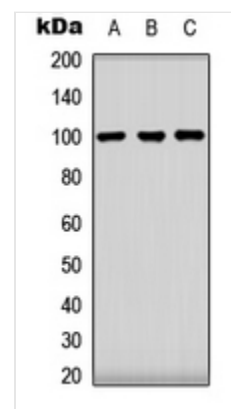
|                                                 |                                                                                                                                      |
|-------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                               |
| Reactivity                                      | Human, Mouse, Rat, Chicken, Dog, Pig                                                                                                 |
| Clonality                                       | Polyclonal                                                                                                                           |
| Purity/Purification                             | The antibody was purified by immunogen affinity chromatography.                                                                      |
| Form/Format                                     | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.                            |
| Concentration                                   | 1mg/mL (varies by lot)                                                                                                               |
| Applicable Applications for anti-CLOCK antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                                                        |
| Immunogen                                       | KLH-conjugated synthetic peptide encompassing a sequence within the center region of human CLOCK. The exact sequence is proprietary. |
| Preparation and Storage                         | Store at -20 degree C. Avoid repeated freeze/thaw cycles.                                                                            |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemical analysis of CLOCK staining in human prostate 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 CLOCK expression in HeLa (A), HEK293T (B), NIH3T3 (C) whole cell lysates.

ADDITIONAL INFORMATION

|                                                   |                    |
|---------------------------------------------------|--------------------|
| Product Categories/Family for anti-CLOCK antibody | Primary antibodies |
|---------------------------------------------------|--------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                           |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 392841204                                                                                                                                                 |
| NCBI GeneID                      | 9575                                                                                                                                                      |
| NCBI Accession #                 | NP_001254772.1                                                                                                                                            |
| NCBI GenBank Nucleotide #        | NM_001267843.1                                                                                                                                            |
| UniProt Accession #              | O15516; O08785; Q9WVS9                                                                                                                                    |
| Molecular Weight                 | 95,304 Da                                                                                                                                                 |
| NCBI Official Full Name          | circadian locomoter output cycles protein kaput                                                                                                           |
| NCBI Official Synonym Full Names | clock circadian regulator                                                                                                                                 |
| NCBI Official Symbol             | CLOCK                                                                                                                                                     |
| NCBI Official Synonym Symbols    | KAT13D; bHLHe8                                                                                                                                            |
| NCBI Protein Information         | circadian locomoter output cycles protein kaput; clock homolog; class E basic helix-loop-helix protein 8; circadian locomoter output cycles kaput protein |
| UniProt Protein Name             | Circadian locomoter output cycles protein kaput                                                                                                           |
| UniProt Gene Name                | CLOCK                                                                                                                                                     |
| UniProt Synonym Gene Names       | BHLHE8; KIAA0334; hCLOCK; bHLHe8                                                                                                                          |
| UniProt Entry Name               | CLOCK_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/clock-antibody-immunohistochemistry-western-blot-elisa/223417>