

## CLOCK Antibody

**CAB5633**

### Description

---

This CLOCK Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

### Product Information

---

**SKU:** CAB5633  
**Contents:** 20  $\mu$ L, 100  $\mu$ L  
Bradford Reagent: 1 vial (2ml)  
**Category:** Polyclonal Antibody  
**Synonyms:** KAT13D, bHLHe8, CLOCK  
**Clone:** -  
**Applications:** WB ELISA  
**Conjugation:** Unconjugated  
**Reactivity:** Human, Mouse, Rat

### Antibody Data

---

**Gene ID:** 9575  
**Uniprot:** AB\_2766393  
**Host Species:** Rabbit  
**Purification:** Affinity purification  
**Observed MW:** 110kDa  
**Calculated MW:** 95kDa

## Preparation & Storage

**Storage:** Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

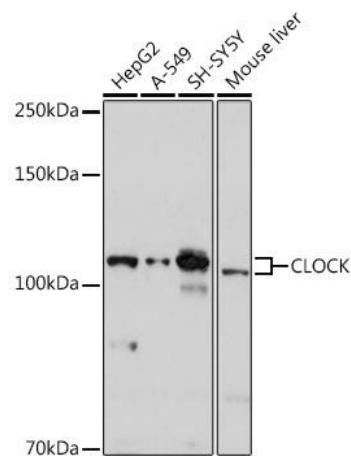
Store Bradford Reagent at Room Temperature for 1 Year.

**Positive Sample:** HepG2, A-549, SH-SY5Y, Mouse liver, Rat liver

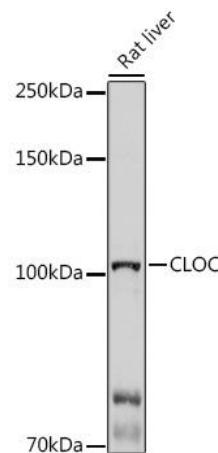
|                               |   |    |                |       |   |
|-------------------------------|---|----|----------------|-------|---|
| <b>Recommended Dilutions:</b> | <table border="1"> <tr> <td>WB</td><td>1:500 - 1:2000</td></tr> <tr> <td>ELISA</td><td>Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.</td></tr> </table> | WB | 1:500 - 1:2000 | ELISA | Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements. |
| WB                            | 1:500 - 1:2000  |    |                |       |   |
| ELISA                         | Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.   |    |                |       |   |

**Protein Quantification (Optional):** To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

## Validation Data



Western blot analysis of various lysates using CLOCK Rabbit pAb (CAB5633) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 30s.



Western blot analysis of lysates from Rat liver, using CLOCK Rabbit pAb (CAB5633) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 3min.

