

# CTIP (Phospho Ser327) Rabbit pAb

CatalogNo: YP1560 Orthogonal Validated 

## Key Features

### Host Species

- Rabbit

### Reactivity

- Human, Mouse

### Applications

- WB, ELISA

### MW

- 100kD (Observed)

### Isotype

- IgG

## Storage

**Storage\*** -15°C to -25°C/1 year (Do not lower than -25°C)**Formulation** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

## Recommended Dilution Ratios

**WB 1:1000-2000****ELISA 1:5000-20000**

## Basic Information

**Clonality** Polyclonal

## Immunogen Information

**Immunogen** Synthesized peptide derived from human CTIP (Phospho Ser327)

**Specificity** This antibody detects endogenous levels of Human, Mouse CTIP (Phospho Ser327). The name of modified sites may be influenced by many factors, such as species (the modified site was not originally found in human samples) and the change of protein sequence (the previous protein sequence is incomplete, and the protein sequence may be prolonged with the development of protein sequencing technology). When naming, we will use the "numbers" in historical reference to keep the sites consistent with the reports. The antibody binds to the following modification sequence (lowercase letters are modification sites): VSSPV

## Target Information

**Gene name** RBBP8 CTIP

**Protein Name** CTIP (Phospho Ser327)

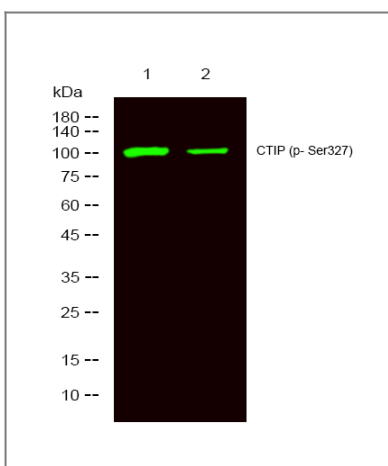
| Organism | Gene ID                 | UniProt ID              |
|----------|-------------------------|-------------------------|
| Human    | <a href="#">5932;</a>   | <a href="#">Q99708;</a> |
| Mouse    | <a href="#">225182;</a> | <a href="#">Q80YR6;</a> |
| Rat      | <a href="#">291787;</a> | <a href="#">B1WC58;</a> |

**Cellular Localization** Nucleus . Chromosome . Associates with sites of DNA damage in S/G2 phase (PubMed:10764811, PubMed:25349192). Ubiquitinated RBBP8 binds to chromatin following DNA damage (PubMed:16818604). .

**Tissue specificity** Expressed in ER-positive breast cancer lines, but tends to be down-regulated ER-negative cells (at protein level).

**Function** Function:May modulate the functions ascribed to BRCA1 in transcriptional regulation, DNA repair, and/or cell cycle checkpoint control.,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR. Hyperphosphorylation upon ionizing radiation results in dissociation from BRCA1.,PTM:Ubiquitinated; mediated by SIAH1 and leading to its subsequent proteasomal degradation.,subcellular location:Predominantly nuclear.,subunit:Interacts with CTBP, with the C-terminal (BRCT) domains of BRCA1, and with the retinoblastoma protein.,

## Validation Data



Western Blot analysis of 1 A431 treated with LPS, 2 A431, using primary antibody at 1:1000 dilution. Secondary antibody (catalog#:RS23920) was diluted at 1:10000

## Contact information

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Please scan the QR code  
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**CTIP (Phospho  
Ser327) Rabbit pAb**

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