RBBP8 (Phospho Ser664) Rabbit pAb

CatalogNo: YP1822 Orthogonal Validated

Key Features

Host Species
- Rabbit

Reactivity
- Human,Mouse,Rat

Applications
- IHC,WB

MW
- 100kD (Observed)

Storage

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

Recommended Dilution Ratios

WB 1:500-2000
IHC 1:50-200

Basic Information

Clonality	Polyclonal

Immunogen Information

Immunogen	Synthesized peptide derived from human RBBP8 (Phospho Ser664)
Specificity	This antibody detects endogenous levels of RBBP8 (Phospho Ser664) Rabbit pAb at Human, Mouse,Rat.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 When naming, we will use the "numbers" in historical reference to keep the sites consistent with the reports.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):DLsQY

Target Information

Gene name RBBP8 CTIP

Protein Name DNA endonuclease RBBP8 (CtBP-interacting protein) (CtIP) (Retinoblastoma-binding protein 8) (RBBP-8) (Retinoblastoma-interacting protein and myosin-like) (RIM) (Sporulation in the absence of SPO11 protein 2 homolog) (SAE2)

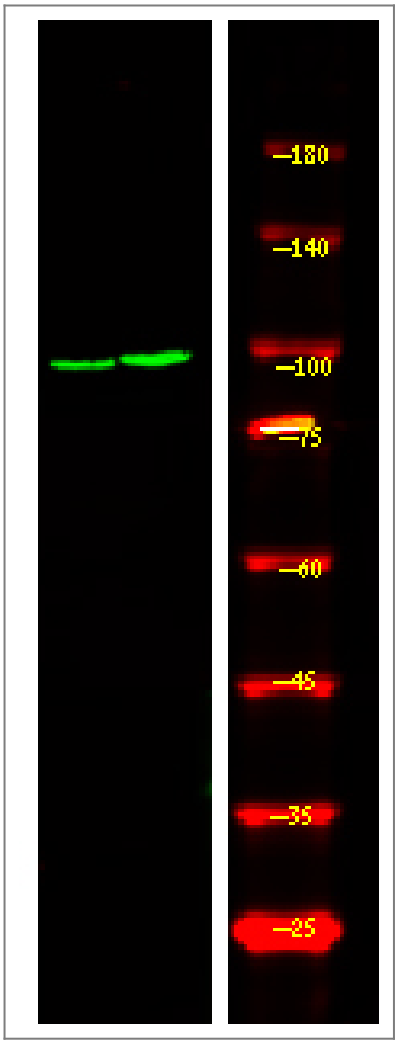
Organism	Gene ID	UniProt ID
Human	5932;	Q99708;
Mouse	225182;	Q80YR6;
Rat	291787;	B1WC58;

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 HepG2 cell, 2 Serum-free treated ,using primary antibody at 1:1000 dilution. Secondary antibody(catalog#:RS23920) was diluted at 1:10000

Contact information

Orders:	order@immunoway.com
Support:	tech@immunoway.com
Telephone:	877-594-3616 (Toll Free), 408-747-0185
Website:	http://www.immunoway.com
Address:	2200 Ringwood Ave San Jose, CA 95131 USA

Please scan the QR code to access additional product information:
RBBP8 (Phospho Ser664) Rabbit pAb