

CTIP (Phospho Ser327) rabbit pAb

Catalog No :	YP1560
Reactivity :	Human;Mouse
Applications :	WB;ELISA
Target :	CTIP
Fields :	>>Homologous recombination
Gene Name :	RBBP8 CTIP
Protein Name :	CTIP (Phospho Ser327)
Human Gene Id :	5932
Human Swiss Prot No :	Q99708
Mouse Gene Id :	225182
Mouse Swiss Prot No :	Q80YR6
Rat Gene Id :	291787
Rat Swiss Prot No :	B1WC58
Immunogen :	Synthesized peptide derived from human CTIP (Phospho Ser327)
Specificity :	This antibody detects endogenous levels of Human,Mouse CTIP (Phospho Ser327)
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:1000-2000 ELISA 1:5000-20000

Purification :	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Observed Band :	100kD
Background :	The protein encoded by this gene is a ubiquitously expressed nuclear protein. It is found among several proteins that bind directly to retinoblastoma protein, which regulates cell proliferation. This protein complexes with transcriptional co-repressor CTBP. It is also associated with BRCA1 and is thought to modulate the functions of BRCA1 in transcriptional regulation, DNA repair, and/or cell cycle checkpoint control. It is suggested that this gene may itself be a tumor suppressor acting in the same pathway as BRCA1. Three transcript variants encoding two different isoforms have been found for this gene. More transcript variants exist, but their full-length natures have not been determined. [provided by RefSeq, Jul 2008],
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.,
Subcellular Location :	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). .
Expression :	Expressed in ER-positive breast cancer lines, but tends to be down-regulated ER-negative cells (at protein level).
Tag :	orthogonal
Sort :	4661
No4 :	1
Host :	Rabbit
Modifications :	Phospho

Products Images

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