

# CTIP (Phospho Ser327) rabbit pAb

Cat No.:ES20142

For research use only

## Overview

Product Name	CTIP (Phospho Ser327) rabbit pAb
Host species	Rabbit
Applications	WB; ELISA
Species Cross-Reactivity	Human;Mouse
Recommended dilutions	WB 1:1000-2000 ELISA 1:5000-20000
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.
Storage	Store at -20°C . Avoid repeated freeze-thaw cycles.
Protein Name	CTIP (Phospho Ser327)
Gene Name	RBBP8 CTIP
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). .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	100kD
Human Gene ID	5932
Human Swiss-Prot Number	Q99708
Alternative Names	DNA endonuclease RBBP8 (EC 3.1.-.-;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)





## 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],

