



Datasheet for ABIN2856639

## anti-Retinoblastoma Binding Protein 8 antibody (Center)



[Go to Product page](#)

1 Image

1 Publication

### Overview

Quantity:	100 µL
Target:	Retinoblastoma Binding Protein 8 (RBBP8)
Binding Specificity:	Center
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Retinoblastoma Binding Protein 8 antibody is un-conjugated
Application:	Western Blotting (WB)

### Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human CtIP. The exact sequence is proprietary.
Isotype:	IgG
Characteristics:	Rabbit polyclonal antibody to CtIP (retinoblastoma binding protein 8) CtIP antibody [C1C3]
Purification:	Purified by antigen-affinity chromatography.

### Target Details

Target:	Retinoblastoma Binding Protein 8 (RBBP8)
Alternative Name:	CtIP ( <a href="#">RBBP8 Products</a> )

## Target Details

---

**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.

Cellular Localization: Nucleus

---

**Molecular Weight:** 102 kDa

---

**Gene ID:** 5932

---

**Pathways:** [Cell Division Cycle](#), [DNA Damage Repair](#)

## Application Details

---

**Application Notes:** Suggested dilution Reference Western blot 1:1000-1:10000\* Not tested in other applications.  
\*Optimal dilutions/concentrations should be determined by the researcher.Suggested dilutionReferenceWestern blot1:1000-1:10000\*

---

**Comment:** Positive Control: A431 , H1299 , HeLa , HepG2 , Raji

---

**Restrictions:** For Research Use only

## Handling

---

**Format:** Liquid

---

**Concentration:** 1 mg/mL

---

**Buffer:** 0.1M Tris, 0.1M Glycine, 10 % Glycerol ( pH 7). 0.01 % Thimerosal was added as a preservative.

---

**Preservative:** Thimerosal (Merthiolate)

---

**Precaution of Use:** This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

---

**Storage:** -20 °C

---

**Storage Comment:** Keep as concentrated solution. Aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

## Publications

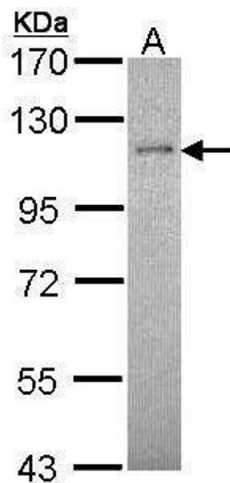
Product cited in:

Leeds, Dennis, Lukas, Stoinski, Willis, Schook: "Biologically validating the measurement of oxytocin in western lowland gorilla (*Gorilla gorilla gorilla*) urine and saliva using a commercial enzyme immunoassay." in: **Primates; journal of primatology**, (2018) ([PubMed](#)).

Boose, White, Brand, Meinelt, Snodgrass: "Infant handling in bonobos (*Pan paniscus*): Exploring functional hypotheses and the relationship to oxytocin." in: **Physiology & behavior**, Vol. 193, Issue Pt A, pp. 154-166, (2018) ([PubMed](#)).

Brandtzaeg, Johnsen, Roberg-Larsen, Seip, MacLean, Gesquiere, Leknes, Lundanes, Wilson: "Proteomics tools reveal startlingly high amounts of oxytocin in plasma and serum." in: **Scientific reports**, Vol. 6, pp. 31693, (2016) ([PubMed](#)).

## Images



### Western Blotting

**Image 1.** WB Image Sample (30 ug of whole cell lysate) A: Hep G2 , 7.5% SDS PAGE antibody diluted at 1:5000