

**ZC3H14 Antibody (Center) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP16512c****Specification**

---

**ZC3H14 Antibody (Center) Blocking Peptide - Product Information**

Primary Accession [Q6PJT7](#)

**ZC3H14 Antibody (Center) Blocking Peptide - Additional Information**

**Gene ID** 79882

**Other Names**

Zinc finger CCCH domain-containing protein 14, Mammalian suppressor of tau pathology-2, MSUT-2, Renal carcinoma antigen NY-REN-37, ZC3H14

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**ZC3H14 Antibody (Center) Blocking Peptide - Protein Information**

**Name** ZC3H14

**Function**

Involved in poly(A) tail length control in neuronal cells. Binds the polyadenosine RNA oligonucleotides.

**Cellular Location**

Nucleus speckle Note=Colocalizes with poly(A) RNA in nuclear speckles {ECO:0000250|UniProtKB:Q7TMD5} [Isoform 3]: Nucleus speckle.

**Tissue Location**

Isoform 1 and isoform 6 are expressed in fetal and adult brain. Isoform 1 and isoform 6 are expressed in fetal and adult temporal lobe.

**ZC3H14 Antibody (Center) Blocking Peptide - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

### **ZC3H14 Antibody (Center) Blocking Peptide - Images**

### **ZC3H14 Antibody (Center) Blocking Peptide - Background**

ZC3H14 belongs to a family of poly(A)-binding proteins that influence gene expression by regulating mRNA stability, nuclear export, and translation (Kelly et al., 2007 [PubMed17630287]).

### **ZC3H14 Antibody (Center) Blocking Peptide - References**

Wheeler, J.M., et al. Biochem. Soc. Trans. 38(4):973-976(2010) Leung, S.W., et al. Gene 439 (1-2), 71-78 (2009) :Kelly, S.M., et al. Proc. Natl. Acad. Sci. U.S.A. 104(30):12306-12311(2007) Scanlan, M.J., et al. Int. J. Cancer 83(4):456-464(1999)