

**ZNF346 Antibody**  
**Catalog # ASC11216****Specification**

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**ZNF346 Antibody - Product Information**

Application	WB
Primary Accession	<a href="#">Q9UL40</a>
Other Accession	<a href="#">NP_036411</a> , <a href="#">6912440</a>
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Application Notes	ZNF346 antibody can be used for detection of ZNF346 by Western blot at 1 µg/mL.

**ZNF346 Antibody - Additional Information**

Gene ID	23567
<b>Target/Specificity</b>	
ZNF346;	

**Reconstitution & Storage**

ZNF346 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

**Precautions**

ZNF346 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

**ZNF346 Antibody - Protein Information**

**Name** ZNF346

**Synonyms** JAZ

**Function**

Binds with low affinity to dsDNA and ssRNA, and with high affinity to dsRNA, with no detectable sequence specificity (PubMed:<[a href="http://www.uniprot.org/citations/24521053" target="\\_blank">24521053](http://www.uniprot.org/citations/24521053)</a>). May bind to specific miRNA hairpins (PubMed:<[a href="http://www.uniprot.org/citations/28431233" target="\\_blank">28431233](http://www.uniprot.org/citations/28431233)</a>).

**Cellular Location**

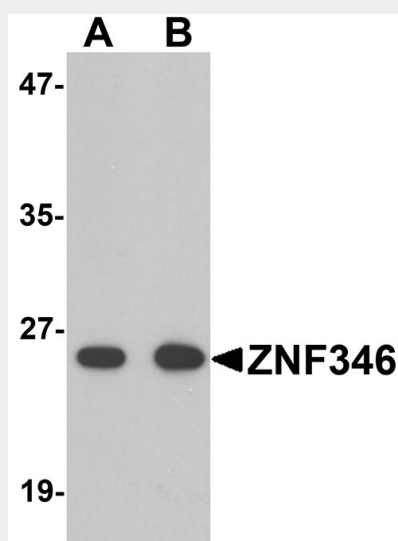
Nucleus, nucleolus. Cytoplasm. Note=Nuclear at steady state, primarily in the nucleolus. Shuttles between the nucleus and cytoplasm when associated with XPO5

**ZNF346 Antibody - Protocols**

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

#### **ZNF346 Antibody - Images**



Western blot analysis of ZNF346 in human kidney tissue lysate with ZNF346 antibody (A) 0.5 and (B) 1 µg/mL.

#### **ZNF346 Antibody - Background**

**ZNF346 Antibody:** ZNF346, also known as JAZ (just another zinc-finger protein), is a nucleolar, zinc finger protein which preferentially binds to double-stranded (ds) RNA or RNA/DNA hybrids with high affinity via C2H2 zinc fingers. ZNF346 contains four CH-type zinc finger motifs that are connected by long (28-38) amino acid linker sequences. ZNF346 is expressed in all tissues tested and localizes to the nucleus, primarily the nucleolus. ZNF346 is exported by exportin-5 but translocates back into nuclei by a facilitated diffusion mechanism. ZNF346 interacts with ILF3 in an RNA-independent manner and may be involved in cell growth and survival.

#### **ZNF346 Antibody - References**

Rosenfeld R and Margalit H. Zinc fingers: conserved properties that can distinguish between spurious and actual DNA-binding motifs. *J. Biomol. Struct. Dyn.*1993; 11:557-70.  
Simpson JC, Wellenreuther R, Poustka A, et al. Systematic subcellular localization of novel proteins identified by large-scale cDNA sequencing. *EMBO Rep.*2000; 1:287-92.  
Yang M, May WS, and Ito T. JAZ requires the double-stranded RNA-binding zinc-finger motifs for nuclear localization. *J. Biol. Chem.*1999; 274: 27399-406.  
Chen T, Brownawell AM, and Macara IG. Nucleocytoplasmic shuttling of JAZ, a new cargo protein for Exportin 5. *Mol. Cell. Biol.*2004; 24:6608-19.