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# ZNF346 Antibody
**Catalog # ASC11216**

## Specification

### ZNF346 Antibody - Product Information

| | |
|---|---|
| Application | **WB, E** |
| Primary Accession | Q9UL40 |
| Other Accession | NP_036411, 6912440 |
| 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** |

**Target/Specificity**
ZNF346;

**Reconstitution & Storage**
ZNF346 antibody can be stored at 4℃ for three months and -20℃, 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</a>). May bind to specific miRNA hairpins (PubMed:<a href="http://www.uniprot.org/citations/28431233" target="_blank">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

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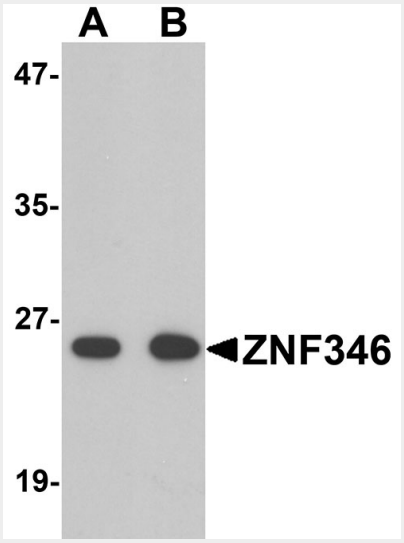
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- 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.