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## Datasheet for ABIN6991505 **anti-ZNF219 antibody (N-Term)**

### Overview

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|----------------------|--|
| Quantity:            | 0.1 mg   |
| Target:              | ZNF219   |
| Binding Specificity: | AA 90-140, N-Term  |
| Reactivity:          | Human, Mouse, Rat  |
| Host:                | Rabbit   |
| Clonality:           | Polyclonal   |
| Conjugate:           | This ZNF219 antibody is un-conjugated  |
| Application:         | Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF) |

### Product Details

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|---------------|--|
| Immunogen:    | ZFP219 antibody was raised against an 18 amino acid synthetic peptide near the amino terminus of human ZFP219. The immunogen is located within amino acids 90 - 140 of ZFP219. |
| Isotype:      | IgG  |
| Specificity:  | At least two isoforms of ZFP219 are known to exist, this antibody will recognize both.   |
| Purification: | ZFP219 Antibody is affinity chromatography purified via peptide column.  |

### Target Details

|                   |  |
|-------------------|--|
| Target:           | ZNF219                                     |
| Alternative Name: | ZFP219 ( <a href="#">ZNF219 Products</a> ) |

## Target Details

**Background:** ZFP219 Antibody: ZFP219 is a developmentally regulated member of the Kruppel-like zinc finger gene family that is thought to function as a transcriptional repressor. Yeast two-hybrid screening showed association with Sox9, a transcription factor that is essential for chondrogenesis. ZFP219 is specifically expressed in the developing limb buds and colocalizes with Sox9 in the nucleus. Knockdown of ZFP219 expression decreased Sox9-induced mRNA expression, and a dominant-negative mutant of ZFP219 inhibited Bmp2-induced chondrocyte differentiation, suggesting that ZFP219 plays an important role as a transcriptional partner of Sox9 in the regulation of chondrocyte differentiation.

**Molecular Weight:** Predicted: 80 kDa  
Observed: 78 kDa

**Gene ID:** 51222

**NCBI Accession:** [NP\\_001095142](#)

**UniProt:** [Q9P2Y4](#)

## Application Details

**Application Notes:** ZFP219 antibody can be used for detection of ZFP219 by Western blot at 1 - 2 µg/mL. Antibody can also be used for immunohistochemistry starting at 5 µg/mL. For immunofluorescence start at 20 µg/mL.

Antibody validated: Western Blot in mouse samples, Immunohistochemistry in mouse samples and Immunofluorescence in mouse samples. All other applications and species not yet tested.

**Restrictions:** For Research Use only

## Handling

**Format:** Liquid

**Concentration:** 1 mg/mL

**Buffer:** ZFP219 Antibody is supplied in PBS containing 0.02 % sodium azide.

**Preservative:** Sodium azide

**Precaution of Use:** This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Handling

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| Storage: | -20 °C, 4 °C |
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| Storage Comment: | ZFP219 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. |
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