

## Anti-ZFP219 ZNF219 Antibody

Catalog Number: A11822

### About ZNF219

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.

### Overview

Product Name	Anti-ZFP219 ZNF219 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-ZFP219 ZNF219 Antibody (Catalog # A11822). Tested in ELISA, WB, IHC-P, IF applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IF, IHC-P, WB
Clonality	Polyclonal
Formulation	ZFP219 Antibody is supplied in PBS containing 0.02% sodium azide.
Storage Instructions	ZFP219 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. Avoid repeated freeze-thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Host	Rabbit
Uniprot ID	Q9P2Y4

### Technical Details

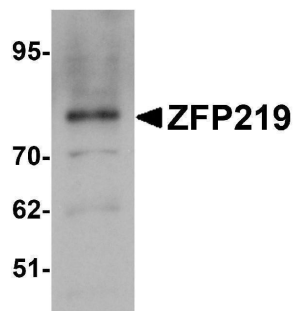
Immunogen	ZFP219 antibody was raised against an 18 amino acid synthetic peptide near the amino terminus of human ZFP219. The immunogen is located within amino acids 90 - 140 of ZFP219.
Predicted Reactive Species	Rabbit
Cross Reactivity	At least two isoforms of ZFP219 are known to exist; this antibody will recognize both.
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	ZFP219 Antibody is affinity chromatography purified via peptide column.

Suggested Dilutions

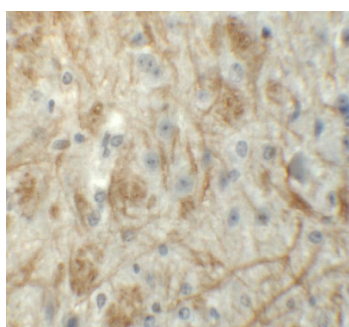
ZFP219 antibody can be used for detection of ZFP219 by Western blot at 1 - 2 ug/mL. Antibody can also be used for immunohistochemistry starting at 5 ug/mL. For immunofluorescence start at 20 ug/mL.

Antibody validated: Western Blot in mouse samples; Immunohistochemistry in mouse samples and Immunofluorescence in mouse samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

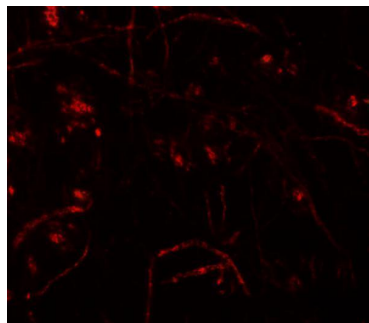
## Anti-ZFP219 ZNF219 Antibody (A11822) Images



Western blot analysis of ZFP219 in EL4 cell lysate with ZFP219 antibody at 1 ug/mL.



Immunohistochemistry of ZFP219 in mouse brain tissue with ZFP219 antibody at 5 ug/mL.



Immunofluorescence of ZFP219 in mouse brain tissue with ZFP219 antibody at 20 ug/mL.

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