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Datasheet for ABIN783427

anti-ZNF219 antibody (N-Term)

1 Image

Overview

| | |
|----------------------|---|
| Quantity: | 0.1 mg |
| Target: | ZNF219 |
| Binding Specificity: | N-Term |
| Reactivity: | Human, Rat, Mouse |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This ZNF219 antibody is un-conjugated |
| Application: | Western Blotting (WB), Enzyme Immunoassay (EIA) |

Product Details

| | |
|-----------------------------|--|
| Immunogen: | 18 amino acid peptide near the amino terminus of human ZFP219 |
| Specificity: | This antibody detects ZNF219 at N-term. At least two isoforms of ZFP219 are known to exist, this antibody will recognize both. |
| Cross-Reactivity (Details): | Species reactivity (tested):Human, mouse, rat |
| Purification: | Affinity chromatography purified via peptide column |

Target Details

| | |
|-------------------|---|
| Target: | ZNF219 |
| Alternative Name: | ZNF219 (ZNF219 Products) |
| Background: | ZFP219 is a developmentally regulated member of the Kruppel-like zinc finger gene family that |

Target Details

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. Synonyms: Zinc finger protein 219

Gene ID: 51222

NCBI Accession: [NP_001095142](#)

UniProt: [Q9P2Y4](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Buffer: PBS containing 0.02 % sodium azide

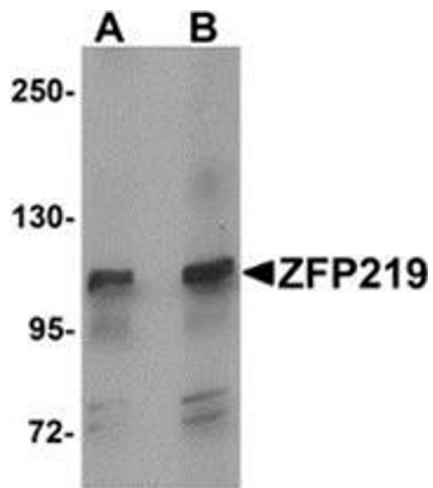
Preservative: Sodium azide

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

Handling Advice: Avoid repeated freezing and thawing.

Storage: 4 °C/-20 °C

Storage Comment: Store at 2 - 8 °C for up to three months or (in aliquots) at -20 °C for longer.



Western Blotting

Image 1. Western blot analysis of ZFP219 in mouse brain tissue lysate with ZFP219 antibody at (A) 1 and (B) 2 μ g/ml.