

Datasheet for ABIN2775778
anti-ZFAND5 antibody (Middle Region)[Go to Product page](#)[1 Image](#)[1 Publication](#)

Overview

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| Quantity: | 100 µL |
| Target: | ZFAND5 |
| Binding Specificity: | Middle Region |
| Reactivity: | Human, Mouse, Rat, Rabbit, Dog, Guinea Pig, Horse, Cow, Sheep |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This ZFAND5 antibody is un-conjugated |
| Application: | Western Blotting (WB) |

Product Details

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| Immunogen: | The immunogen is a synthetic peptide directed towards the middle region of human ZFAND5 |
| Sequence: | REDKITTPKT EVSEPVTQP SPSVSQPSTS QSEEKAPELP KPKNRCFMC |
| Predicted Reactivity: | Cow: 93%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 93%, Sheep: 93% |
| Characteristics: | This is a rabbit polyclonal antibody against ZFAND5. It was validated on Western Blot using a cell lysate as a positive control. |
| Purification: | Affinity Purified |

Target Details

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| Target: | ZFAND5 |
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Target Details

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| Alternative Name: | ZFAND5 (ZFAND5 Products) |
| Background: | <p>ZNF216 (ZFAND5) is a potent inhibitory factor for osteoclast differentiation and the mechanism is unlikely due to direct attenuation of the NF-kappa B pathway. It also has redundant and distinct roles in regulating apoptosis.</p> <p>Alias Symbols: ZA20D2, ZFAND5A, ZNF216</p> <p>Protein Interaction Partner: UBC, SRP19, APP, WIPF2, UBLCP1, ATP6V1H, TOMM34, SQSTM1, PSMD6, RAD23B, ZFAND5, RIPK1, TRAF6, IKBKG, TNFAIP3,</p> <p>Protein Size: 213</p> |
| Molecular Weight: | 20 kDa |
| Gene ID: | 7763 |
| NCBI Accession: | NM_006007 , NP_005998 |
| UniProt: | O76080 |
| Pathways: | Platelet-derived growth Factor Receptor Signaling |

Application Details

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| Application Notes: | Optimal working dilutions should be determined experimentally by the investigator. |
| Comment: | Antigen size: 213 AA |
| Restrictions: | For Research Use only |

Handling

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| Format: | Liquid |
| Concentration: | Lot specific |
| Buffer: | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose. |
| 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 freeze-thaw cycles. |
| Storage: | -20 °C |
| Storage Comment: | For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small |

aliquots to prevent freeze-thaw cycles.

Publications

Product cited in: He, Sun, Ou, Ding: "The protein Zfand5 binds and stabilizes mRNAs with AU-rich elements in their 3'-untranslated regions." in: **The Journal of biological chemistry**, Vol. 287, Issue 30, pp. 24967-77, (2012) ([PubMed](#)).

Images



Western Blotting

Image 1. WB Suggested Anti-ZFAND5 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:62500 Positive Control: HepG2 cell lysate