

[Go to Product page](#)

Datasheet for ABIN6977638

anti-MED28 antibody (AA 1-100) (Alexa Fluor 488)

Overview

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|----------------------|---|
| Quantity: | 100 µL |
| Target: | MED28 |
| Binding Specificity: | AA 1-100 |
| Reactivity: | Mouse |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This MED28 antibody is conjugated to Alexa Fluor 488 |
| Application: | Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

Product Details

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| Immunogen: | KLH conjugated synthetic peptide derived from human MED28 |
| Isotype: | IgG |
| Cross-Reactivity: | Mouse |
| Predicted Reactivity: | Human,Rat,Dog,Cow,Sheep,Pig,Horse,Chicken,Rabbit,Zebrafish |
| Purification: | Purified by Protein A. |

Target Details

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|-------------------|--|
| Target: | MED28 |
| Alternative Name: | MED28 (MED28 Products) |

Target Details

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|-------------|---|
| Background: | <p>Synonyms: EG1, Endothelial-derived protein 1, FKSG20, Magicin, med28, MED28_HUMAN, Mediator complex subunit 28, Mediator of RNA polymerase II transcription subunit 28, Mediator of RNA polymerase II transcription subunit 28, Mediator of RNA polymerase II transcription subunit 28, Merlin and Grb2-interacting cytoskeletal protein, Tumor angiogenesis marker EG-1.</p> <p>Background: Med28 is a 178 amino acid subunit of the Mediator complex that localizes to both nucleus and cytoplasm. Widely expressed with highest expression in vascular tissues such as placenta, testis and liver, Med28 participates in the regulation of Pol II-mediated gene expression and is thought to play a key role in signal regulation and cell proliferation. It is suggested that Med28 functions as a repressor of SMC (smooth muscle cell) differentiation and may be associated with abnormalities in SMC growth and differentiation, including atherosclerosis, asthma, hypertension and smooth muscle tumors.</p> |
| Gene ID: | 610311 |
| UniProt: | Q9H204 |
| Pathways: | Stem Cell Maintenance , Regulation of Muscle Cell Differentiation |

Application Details

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| Application Notes: | IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200 |
| Restrictions: | For Research Use only |

Handling

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| Format: | Liquid |
| Concentration: | 1 µg/µL |
| Buffer: | Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol. |
| Preservative: | ProClin |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only. |
| Storage: | -20 °C |
| Storage Comment: | Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles. |

Handling

Expiry Date: 12 months