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anti-MED12 antibody (AA 251-350) (AbBy Fluor® 488)



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| Quantity: | 100 μL | |
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| Target: | MED12 | |
| Binding Specificity: | AA 251-350 | |
| Reactivity: | Mouse, Rat | |
| Host: | Rabbit | |
| Clonality: | Polyclonal | |
| Conjugate: | This MED12 antibody is conjugated to AbBy Fluor® 488 | |
| Application: | Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) | |

Product Details

| Immunogen: | KLH conjugated synthetic peptide derived from human MED12/Trap230 | |
|-----------------------|---|--|
| Isotype: | IgG | |
| Cross-Reactivity: | Mouse, Rat | |
| Predicted Reactivity: | Human,Cow,Sheep,Pig,Rabbit | |
| Purification: | Purified by Protein A. | |

Target Details

| Target: | MED12 | |
|-------------------|--------------------------------|--|
| Alternative Name: | MED12/Trap230 (MED12 Products) | |

Target Details

| Background: | Synonyms: Mediator of RNA polymerase II transcription subunit 12, MED12, Activator-recruited | | |
|---------------------|---|--|--|
| | cofactor 240 kDa component, ARC240, CAG repeat protein 45 Mediator complex subunit 12, | | |
| | OPA-containing protein, Thyroid hormone receptor-associated protein complex 230 kDa | | |
| | component, Trap230, Trinucleotide repeat-containing gene 11 protein, MED12, ARC240, | | |
| | CAGH45, HOPA, KIAA0192, TNRC11, TRAP230 | | |
| | Background: Component of the Mediator complex, a coactivator involved in the regulated | | |
| | transcription of nearly all RNA polymerase II-dependent genes. Mediator functions as a bridge | | |
| | to convey information from gene-specific regulatory proteins to the basal RNA polymerase II | | |
| | transcription machinery. Mediator is recruited to promoters by direct interactions with | | |
| | regulatory proteins and serves as a scaffold for the assembly of a functional preinitiation | | |
| | complex with RNA polymerase II and the general transcription factors. This subunit may | | |
| | specifically regulate transcription of targets of the Wnt signaling pathway and SHH signaling | | |
| | pathway. | | |
| Gene ID: | 9968 | | |
| UniProt: | Q93074 | | |
| Pathways: | Intracellular Steroid Hormone Receptor Signaling Pathway, Nuclear Hormone Receptor Binding, | | |
| | Stem Cell Maintenance, Chromatin Binding, Regulation of Lipid Metabolism by PPARalpha, | | |
| | Tube Formation | | |
| Application Details | | | |
| 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 | | | |
| Format: | Liquid | | |
| Concentration: | 1 μg/μL | | |
| Buffer: | Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and | | |
| 23.13.1 | 50 % Glycerol. | | |
| Preservative: | ProClin | | |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be | | |
| | | | |

Handling

| | handled by trained staff only. | |
|------------------|---|--|
| Storage: | -20 °C | |
| Storage Comment: | Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles. | |
| Expiry Date: | 12 months | |