

[KO Validated] Angiotensin Rabbit mAb

Catalog No.: A29058 **KO** **Validated** **Recombinant**

Basic Information

Observed MW

140 kDa/80 kDa

Calculated MW

118 kDa/73 kDa

Category

Primary antibody

Applications

WB, IF/ICC, IHC-P, ELISA

Cross-Reactivity

Human

CloneNo number

ARC3833

Background

This gene belongs to the motin family of angiotensin binding proteins characterized by conserved coiled-coil domains and C-terminal PDZ binding motifs. The encoded protein is expressed predominantly in endothelial cells of capillaries as well as larger vessels of the placenta where it may mediate the inhibitory effect of angiotensin on tube formation and the migration of endothelial cells toward growth factors during the formation of new blood vessels. Alternative splicing results in multiple transcript variants encoding different isoforms.

Recommended Dilutions

WB 1:30000 - 1:200000**IF/ICC** 1:200 - 1:800**IHC-P** 1:1000 - 1:4000

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements. Please optimize the concentration based on your specific assay requirements. For high-ratio antibody dilutions (≥1:10)

Immunogen Information

Gene ID

154796

Swiss Prot

Q4VCS5

Immunogen

This information is considered to be commercially sensitive.

Synonyms

AMOT; angiotensin

Product Information

Source

Rabbit

Isotype

IgG

Purification

Affinity purification

Storage

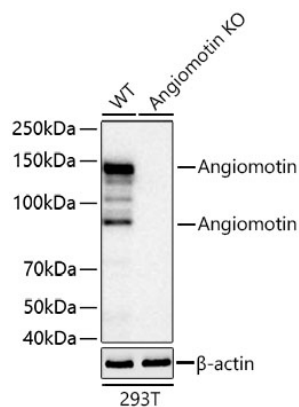
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.09% sodium azide, 0.05% BSA, 50% glycerol, pH7.3

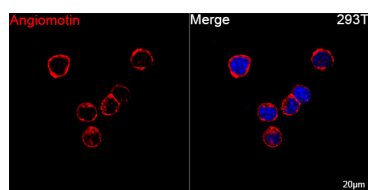
Contact

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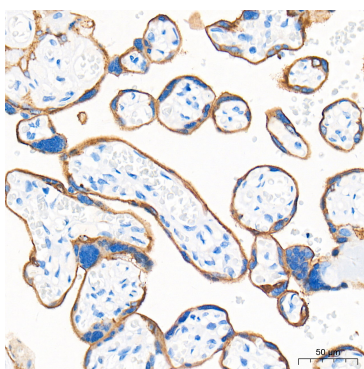
Validation Data



Western blot analysis of lysates from wild type (WT) and Angiotensin II (AngII) 293T cells using [KO Validated] Angiotensin II Rabbit mAb (A29058) at 1:50000 dilution incubated overnight at 4°C. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 1 s.



Confocal imaging of 293T cells using [KO Validated] Angiotensin II Rabbit mAb (A29058, dilution 1:200) followed by a further incubation with Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). Objective: 100x.



Immunohistochemistry analysis of paraffin-embedded Human placenta tissue using [KO Validated] Angiotensin II Rabbit mAb (A29058) at a dilution of 1:1000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.