

RMP (K-17): sc-103869

BACKGROUND

RMP (RPB5-mediated protein), also known as C19orf2, NNX3 or URI, is a 534 amino acid protein that localizes to the nucleus and belongs to the RNA polymerase II subunit 5-mediated protein family. Expressed ubiquitously, RMP functions as a component of the multi-protein URI complex and is thought to play a role in protein scaffolding that may be involved in transcription and ubiquitination. Multiple isoforms of RMP exist due to alternative splicing events. The gene encoding RMP maps to human chromosome 19, which consists of over 63 million bases, houses approximately 1,400 genes and is recognized for having the greatest gene density of the human chromosomes.

REFERENCES

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CHROMOSOMAL LOCATION

Genetic locus: C19orf2 (human) mapping to 19q12; C80913 (mouse) mapping to 7 B2.

SOURCE

RMP (K-17) is an affinity purified goat polyclonal antibody raised against a peptide mapping within an internal region of RMP of human origin.

PRODUCT

Each vial contains 200 μ g IgG in 1.0 ml of PBS with < 0.1% sodium azide and 0.1% gelatin.

Blocking peptide available for competition studies, sc-103869 P, (100 μ g peptide in 0.5 ml PBS containing < 0.1% sodium azide and 0.2% BSA).

Available as TransCruz reagent for Gel Supershift and ChIP applications, sc-103869 X, 200 μ g/0.1 ml.

APPLICATIONS

RMP (K-17) is recommended for detection of RMP of mouse, rat and human origin by Western Blotting (starting dilution 1:200, dilution range 1:100-1:1000), immunofluorescence (starting dilution 1:50, dilution range 1:50-1:500) and solid phase ELISA (starting dilution 1:30, dilution range 1:30-1:3000).

Suitable for use as control antibody for RMP siRNA (h): sc-97138, RMP siRNA (m): sc-106514, RMP shRNA Plasmid (h): sc-97138-SH, RMP shRNA Plasmid (m): sc-106514-SH, RMP shRNA (h) Lentiviral Particles: sc-97138-V and RMP shRNA (m) Lentiviral Particles: sc-106514-V.

RMP (K-17) X TransCruz antibody is recommended for Gel Supershift and ChIP applications.

Molecular Weight of RMP: 64 kDa.

RECOMMENDED SECONDARY REAGENTS

To ensure optimal results, the following support (secondary) reagents are recommended: 1) Western Blotting: use donkey anti-goat IgG-HRP: sc-2020 (dilution range: 1:2000-1:100,000) or Cruz Marker[™] compatible donkey anti-goat IgG-HRP: sc-2033 (dilution range: 1:2000-1:5000), Cruz Marker[™] Molecular Weight Standards: sc-2035, TBS Blotto A Blocking Reagent: sc-2333 and Western Blotting Luminol Reagent: sc-2048. 2) Immunofluorescence: use donkey anti-goat IgG-FITC: sc-2024 (dilution range: 1:100-1:400) or donkey anti-goat IgG-TR: sc-2783 (dilution range: 1:100-1:400) with UltraCruz[™] Mounting Medium: sc-24941.

STORAGE

Store at 4° C, ****DO NOT FREEZE****. Stable for one year from the date of shipment. Non-hazardous. No MSDS required.

RESEARCH USE

For research use only, not for use in diagnostic procedures.


 MONOS
 Satisfaction
 Guaranteed

Try **RMP (D-2): sc-376011**, our highly recommended monoclonal alternative to RMP (K-17).