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2310022A10Rik (m): 293T Lysate: sc-126315

BACKGROUND

2310022A10Rik, an uncharacterized protein C19orf47 homolog, is a 413 amino acid protein. There are three isoforms due to splicing variants of this protein currently recognized. The gene which encodes 2310022A10Rik maps to mouse chromosome 7 A3. The 2310022A10Rik gene is conserved in chimpanzee, Rhesus monkey, canine, bovine, rat, and zebrafish. There are two known phosphorylation sites at Serin 115 and Serine 269. 2310022A10Rik has been noted to interact with Forkhead box protein P3 (FOXP3), a probably transcription factor that plays a critical role in the control of immune responses.

REFERENCES

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CHROMOSOMAL LOCATION

Genetic locus: 2310022A10Rik (mouse) mapping to 7 A3.

PRODUCT

2310022A10Rik (m): 293T Lysate represents a lysate of mouse 2310022A10Rik transfected 293T cells and is provided as 100 µg protein in 200 µl SDS-PAGE buffer.

STORAGE

Store at -20° C. Repeated freezing and thawing should be minimized. Sample vial should be boiled once prior to use. Non-hazardous. No MSDS required.

PROTOCOLS

See our web site at www.scbt.com for detailed protocols and support products.

APPLICATIONS

2310022A10Rik (m): 293T Lysate is suitable as a Western Blotting positive control for mouse reactive 2310022A10Rik antibodies. Recommended use: 10-20 µl per lane.

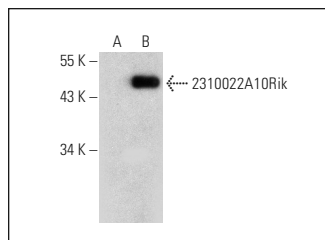
Control 293T Lysate: sc-117752 is available as a Western Blotting negative control lysate derived from non-transfected 293T cells.

C19orf47 (H-5): sc-393896 is recommended as a positive control antibody for Western Blot analysis of enhanced mouse 2310022A10Rik expression in 2310022A10Rik transfected 293T cells (starting dilution 1:100, dilution range 1:100-1:1,000).

RECOMMENDED SUPPORT REAGENTS

To ensure optimal results, the following support reagents are recommended:
1) Western Blotting: use m-IgGκ BP-HRP: sc-516102 or m-IgGκ BP-HRP (Cruz Marker): sc-516102-CM (dilution range: 1:1000-1:10000), Cruz Marker™ Molecular Weight Standards: sc-2035, UltraCruz® Blocking Reagent: sc-516214 and Western Blotting Luminol Reagent: sc-2048.

DATA



C19orf47 (H-5): sc-393896. Western blot analysis of 2310022A10Rik expression in non-transfected: sc-117752 (A) and mouse 2310022A10Rik transfected: sc-126315 (B) 293T whole cell lysates.

RESEARCH USE

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