SANTA CRUZ BIOTECHNOLOGY, INC.

TRIM11 (L-15): sc-79758

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The Power to Question

BACKGROUND

The tripartite motif (TRIM) family of proteins are characterized by a conserved TRIM domain that includes a coiled-coil region, a B box-type zinc finger, one RING finger and three zinc-binding domains. TRIM11 (tripartite motif-containing 11), also known as BIA1 or RNF92, is a 468 amino acid protein that localizes to both the nucleus and the cytoplasm and contains one RING-type zinc finger, one SPRY domain and one B box-type zinc finger. Expressed ubiquitously, TRIM11 is thought to function as an E3 ubiquitin ligase that may regulate the intracellular level of select proteins via control of the proteasomal degradation pathway. Multiple isoforms of TRIM11 exist due to alternative splicing events.

REFERENCES

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CHROMOSOMAL LOCATION

Genetic locus: TRIM11 (human) mapping to 1q42.13; Trim11 (mouse) mapping to 11 B1.3.

SOURCE

TRIM11 (L-15) is an affinity purified goat polyclonal antibody raised against a peptide mapping within an internal region of TRIM11 of human origin.

STORAGE

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

PRODUCT

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

Blocking peptide available for competition studies, sc-79758 P, (100 µg peptide in 0.5 ml PBS containing < 0.1% sodium azide and 0.2% BSA).

APPLICATIONS

TRIM11 (L-15) is recommended for detection of TRIM11 of mouse, rat and human origin by Western Blotting (starting dilution 1:200, dilution range 1:100-1:1000), immunoprecipitation [1-2 µg per 100-500 µg of total protein (1 ml of cell lysate)], 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).

TRIM11 (L-15) is also recommended for detection of TRIM11 in additional species, including equine, canine, bovine and porcine.

Suitable for use as control antibody for TRIM11 siRNA (h): sc-76734, TRIM11 siRNA (m): sc-76735, TRIM11 shRNA Plasmid (h): sc-76734-SH, TRIM11 shRNA Plasmid (m): sc-76735-SH, TRIM11 shRNA (h) Lentiviral Particles: sc-76734-V and TRIM11 shRNA (m) Lentiviral Particles: sc-76735-V.

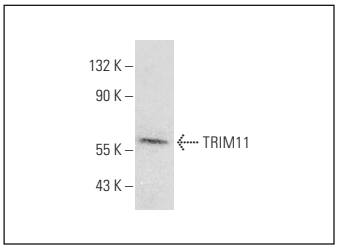
Molecular Weight of TRIM11: 53 kDa.

Positive Controls: U-937 cell lysate: sc-2239.

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) Immunoprecipitation: use Protein A/G PLUS-Agarose: sc-2003 (0.5 ml agarose/2.0 ml). 3) 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.

DATA



TRIM11 (L-15): sc-79758. Western blot analysis of TRIM11 expression in U-937 whole cell lysate.

RESEARCH USE

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