

TRIM15 (N-14): sc-79767

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. TRIM15 (tripartite motif-containing 15), also known as RNF93, ZNFB7 or ZNF178, is a 465 amino acid cytoplasmic protein that contains one RING-type zinc finger, one B box-type zinc finger and one SPRY domain. One of several members of the TRIM family, TRIM15 exists as two alternatively spliced isoforms, known as α and β , which may play a role in transcriptional regulation events. The gene encoding TRIM15 maps to human chromosome 6, which contains 170 million base pairs and comprises nearly 6% of the human genome.

REFERENCES

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CHROMOSOMAL LOCATION

Genetic locus: TRIM15 (human) mapping to 6p22.1.

SOURCE

TRIM15 (N-14) is an affinity purified goat polyclonal antibody raised against a peptide mapping near the N-terminus of TRIM15 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.

PROTOCOLS

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

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-79767 P, (100 μ g peptide in 0.5 ml PBS containing < 0.1% sodium azide and 0.2% BSA).

APPLICATIONS

TRIM15 (N-14) is recommended for detection of TRIM15 of human origin by Western Blotting (starting dilution 1:200, dilution range 1:100-1:1000), immunoprecipitation [1-2 μ g per 100-500 μ g 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).

Suitable for use as control antibody for TRIM15 siRNA (h): sc-76738, TRIM15 shRNA Plasmid (h): sc-76738-SH and TRIM15 shRNA (h) Lentiviral Particles: sc-76738-V.

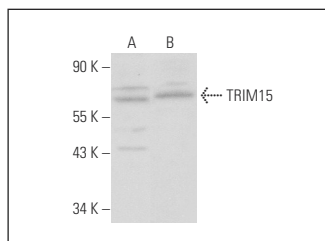
Molecular Weight of TRIM15: 52 kDa.

Positive Controls: Jurkat whole cell lysate: sc-2204 or U-698-M whole cell lysate: sc-364799.

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



TRIM15 (N-14): sc-79767. Western blot analysis of TRIM15 expression in Jurkat (A) and U-698-M (B) whole cell lysates.

RESEARCH USE

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