

TRIM62 (Z-25): sc-102144

BACKGROUND

TRIM62 (tripartite motif-containing 62) is a 475 amino acid protein that belongs to the TRIM/RBCC (ring finger, B box, coiled-coil) family. TRIM62 contains one B box-type zinc finger, one SPRY domain and one RING-type zinc finger—a motif that has zinc-chelating activity and is involved in mediating protein-protein and protein-DNA interactions. As a member of the TRIM/RBCC family, TRIM62 may function in transcriptional regulation, cell transformation and carcinogenesis. In addition, TRIM62 expression can affect the entry of murine leukemia virus (MLV) and human immunodeficiency virus 1 (HIV). As is suggested by the inhibition of HIV and MLV release in TRIM62-depleted cells, TRIM62 may play a role in the cellular pathways that are essential for efficient virus release.

REFERENCES

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CHROMOSOMAL LOCATION

Genetic locus: TRIM62 (human) mapping to 1p35.1; Trim62 (mouse) mapping to 4 D2.2.

SOURCE

TRIM62 (Z-25) is a purified rabbit polyclonal antibody raised against TRIM62 of human origin.

PRODUCT

Each vial contains 100 µg IgG in 1.0 ml PBS with < 0.1% sodium azide, 0.1% gelatin and < 0.02% sucrose.

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.

APPLICATIONS

TRIM62 (Z-25) is recommended for detection of TRIM62 of mouse, rat, human and dog 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)] and solid phase ELISA (starting dilution 1:30, dilution range 1:30-1:3000).

Suitable for use as control antibody for TRIM62 siRNA (h): sc-88655, TRIM62 siRNA (m): sc-154664, TRIM62 shRNA Plasmid (h): sc-88655-SH, TRIM62 shRNA Plasmid (m): sc-154664-SH, TRIM62 shRNA (h) Lentiviral Particles: sc-88655-V and TRIM62 shRNA (m) Lentiviral Particles: sc-154664-V.

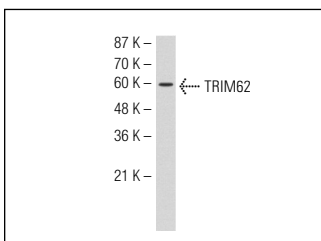
Molecular Weight of TRIM62: 54 kDa.

Positive Controls: Jurkat whole cell lysate: sc-2204 or Hep G2 cell lysate: sc-2227.

RECOMMENDED SECONDARY REAGENTS

To ensure optimal results, the following support (secondary) reagents are recommended: 1) Western Blotting: use goat anti-rabbit IgG-HRP: sc-2004 (dilution range: 1:2000-1:100,000) or Cruz Marker™ compatible goat anti-rabbit IgG-HRP: sc-2030 (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).

DATA



TRIM62 (Z-25): sc-102144. Western blot analysis of TRIM62 expression in Jurkat whole cell lysate.

RESEARCH USE

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

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Try **TRIM62 (J-08): sc-100882**, our highly recommended monoclonal alternative to TRIM62 (Z-25).