

# TRIM26 (G-17): sc-79774

## 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. TRIM26 (tripartite motif-containing 26), also known as RNF95, AFP (acid finger protein, previously termed alpha-fetoprotein) or ZNF173 (zinc finger protein 173), is a 539 amino acid protein belonging to the TRIM/RBCC family that contains one B box-type zinc finger, a RING-type zinc finger and a single B30.2/SPRY domain. With coding regions highly conserved between mouse and human, TRIM26 is suggested to function in the binding of nucleic acids and is expressed in multiple tissues. The gene encoding TRIM26 maps to human chromosome 6, which contains 170 million base pairs and comprises nearly 6% of the human genome.

## CHROMOSOMAL LOCATION

Genetic locus: TRIM26 (human) mapping to 6p22.1; Trim26 (mouse) mapping to 17 B1.

## SOURCE

TRIM26 (G-17) is an affinity purified goat polyclonal antibody raised against a peptide mapping within an internal region of TRIM26 of human origin.

## 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-79774 P, (100 µg peptide in 0.5 ml PBS containing < 0.1% sodium azide and 0.2% BSA).

## STORAGE

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

## APPLICATIONS

TRIM26 (G-17) is recommended for detection of TRIM26 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).

TRIM26 (G-17) is also recommended for detection of TRIM26 in additional species, including equine, canine, bovine and porcine.

Suitable for use as control antibody for TRIM26 siRNA (h): sc-76744, TRIM26 siRNA (m): sc-76745, TRIM26 shRNA Plasmid (h): sc-76744-SH, TRIM26 shRNA Plasmid (m): sc-76745-SH, TRIM26 shRNA (h) Lentiviral Particles: sc-76744-V and TRIM26 shRNA (m) Lentiviral Particles: sc-76745-V.

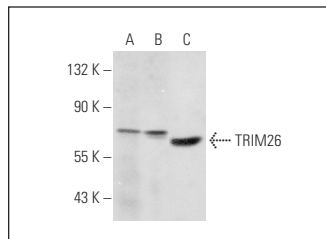
Molecular Weight of TRIM26: 62 kDa.

Positive Controls: U-251-MG whole cell lysate: sc-364176, Jurkat whole cell lysate: sc-2204 or Daudi cell lysate: sc-2415.

## 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



TRIM26 (G-17): sc-79774. Western blot analysis of TRIM26 expression in mouse PBL (A), U-251-MG (B) and Daudi (C) whole cell lysates.

## RESEARCH USE

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

## PROTOCOLS

See our web site at [www.scbt.com](http://www.scbt.com) or our catalog for detailed protocols and support products.

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Try **TRIM26 (A-7): sc-393832**, our highly recommended monoclonal alternative to TRIM26 (G-17).