



TRIM38 (L-15): sc-132481

BACKGROUND

Tripartite motif-containing protein 38 (TRIM38), also known as RING finger protein 15 (RNF15) or zinc finger protein RoRet, is a 465 amino acid member of the TRIM family, also known as the RING-B-box coiled-coil (RBCC) family. Members of the RBCC family have an N-terminal RING finger, followed by one or two zinc-binding domains (B-box domains), a leucine coiled-coil region and a variable C-terminal domain. Found in all eukaryotes, members of the RBCC family typically function within a larger protein complex and possess ubiquitin-protein isopeptide ligase activity.

REFERENCES

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CHROMOSOMAL LOCATION

Genetic locus: Trim38 (mouse) mapping to 13 A3.1.

SOURCE

TRIM38 (L-15) is an affinity purified goat polyclonal antibody raised against a peptide mapping within an internal region of TRIM38 of mouse origin.

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-132481 P, (100 μ g 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

TRIM38 (L-15) is recommended for detection of TRIM38 of mouse origin by Western Blotting (starting dilution 1:200, dilution range 1:100-1:1000), 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); non cross-reactive with other TRIM family members.

Suitable for use as control antibody for TRIM38 siRNA (m): sc-154648, TRIM38 shRNA Plasmid (m): sc-154648-SH and TRIM38 shRNA (m) Lentiviral Particles: sc-154648-V.

Molecular Weight of TRIM38: 53 kDa.

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) 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.

RESEARCH USE

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

PROTOCOLS

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