

WDR61 (T-12): sc-104767

BACKGROUND

WD-repeats are motifs that are found in a variety of proteins and are characterized by a conserved core of 40-60 amino acids that commonly form a tertiary propeller structure. While proteins that contain WD-repeats participate in a wide range of cellular functions, they are generally involved in regulatory mechanisms concerning chromatin assembly, cell cycle control, signal transduction, RNA processing, apoptosis and vesicular trafficking. WDR61 (WD-repeat-containing protein 61), also known as SK18 or REC14, is a 305 amino acid protein that contains 7 WD-repeats. WDR61 is a subunit of the human Ski and PAF complexes which function in downstream transcriptional regulation events, such as RNA surveillance.

REFERENCES

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CHROMOSOMAL LOCATION

Genetic locus: WDR61 (human) mapping to 15q25.1; Wdr61 (mouse) mapping to 9 A5.3.

SOURCE

WDR61 (T-12) is an affinity purified goat polyclonal antibody raised against a peptide mapping within an internal region of WDR61 of human 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-104767 P, (100 μ g peptide in 0.5 ml PBS containing < 0.1% sodium azide and 0.2% BSA).

APPLICATIONS

WDR61 (T-12) is recommended for detection of WDR61 of mouse, rat and human 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).

WDR61 (T-12) is also recommended for detection of WDR61 in additional species, including equine, canine, bovine, porcine and avian.

Suitable for use as control antibody for WDR61 siRNA (h): sc-89952, WDR61 siRNA (m): sc-106705, WDR61 shRNA Plasmid (h): sc-89952-SH, WDR61 shRNA Plasmid (m): sc-106705-SH, WDR61 shRNA (h) Lentiviral Particles: sc-89952-V and WDR61 shRNA (m) Lentiviral Particles: sc-106705-V.

Molecular Weight of WDR61: 34 kDa.

Positive Controls: HeLa whole cell lysate: sc-2200.

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.

STORAGE

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

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.


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Try **WDR61 (WW-5): sc-100897**, our highly recommended monoclonal alternative to WDR61 (T-12).