

Sec6 (H-230): sc-98947

BACKGROUND

Sec6 is one of eight protein subunits composing the mammalian exocyst complex (Sec3, Sec5, Sec6, Sec8, Sec10, Sec15, Exo70, and Exo84). The mammalian exocyst complex (Sec6/8) is essential for targeting exocytic vesicles to specific docking sites on the plasma membrane. Sec6/8 regulates polarized secretion in a GTP-dependent manner. Human Sec6 maps to chromosome 5p15.33.

REFERENCES

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CHROMOSOMAL LOCATION

Genetic locus: EXOC3 (human) mapping to 5p15.33; Sec6l1 (mouse) mapping to 13 C1.

SOURCE

Sec6 (H-230) is a rabbit polyclonal antibody raised against amino acids 41-270 mapping near the N-terminus of Sec6 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.

RESEARCH USE

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

APPLICATIONS

Sec6 (H-230) is recommended for detection of Sec6 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).

Sec6 (H-230) is also recommended for detection of Sec6 in additional species, including canine, bovine and avian.

Suitable for use as control antibody for Sec6 siRNA (h): sc-106816, Sec6 siRNA (m): sc-153317, Sec6 shRNA Plasmid (h): sc-106816-SH, Sec6 shRNA Plasmid (m): sc-153317-SH, Sec6 shRNA (h) Lentiviral Particles: sc-106816-V and Sec6 shRNA (m) Lentiviral Particles: sc-153317-V.

Molecular Weight of Sec6: 87 kDa.

Positive Controls: MDCK cell lysate: sc-2252.

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). 3) Immunofluorescence: use goat anti-rabbit IgG-FITC: sc-2012 (dilution range: 1:100-1:400) or goat anti-rabbit IgG-TR: sc-2780 (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.

PROTOCOLS

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


 MONOS
Satisfaction
Guaranteed

Try **Sec6 (H-5): sc-374054** or **Sec6 (B-10): sc-271555**, our highly recommended monoclonal alternatives to Sec6 (H-230).