

EVI5L (H-107): sc-135081

BACKGROUND

EVI5L (ecotropic viral integration site 5-like), also known as EVI5-like protein, is a 794 amino acid protein containing one Rab GAP TBC domain. EVI5L acts as a GTPase-activating protein with broad specificity and has been found to have significant Rab 2A and Rab 10 GAP activity. EVI5L contains two coiled coil regions, and is encoded by a gene mapping to human chromosome 19p13.2. Chromosome 19 consists of over 63 million bases, houses approximately 1,400 genes and is recognized for having the greatest gene density of the human chromosomes. It is the genetic home for a number of immunoglobulin (Ig) superfamily members, including the killer cell and leukocyte Ig-like receptors, a number of ICAMs, the CEACAM and PSG family and Fc receptors (FcRs).

CHROMOSOMAL LOCATION

Genetic locus: EVI5L (human) mapping to 19p13.2; Evi5l (mouse) mapping to 8 A1.1.

SOURCE

EVI5L (H-107) is a rabbit polyclonal antibody raised against amino acids 113-219 mapping near the N-terminus of EVI5L 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.

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.

APPLICATIONS

EVI5L (H-107) is recommended for detection of EVI5L 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).

EVI5L (H-107) is also recommended for detection of EVI5L in additional species, including equine, canine, bovine, porcine and avian.

Suitable for use as control antibody for EVI5L siRNA (h): sc-97327, EVI5L siRNA (m): sc-144965, EVI5L shRNA Plasmid (h): sc-97327-SH, EVI5L shRNA Plasmid (m): sc-144965-SH, EVI5L shRNA (h) Lentiviral Particles: sc-97327-V and EVI5L shRNA (m) Lentiviral Particles: sc-144965-V.

Molecular Weight of human EVI5L: 91 kDa.

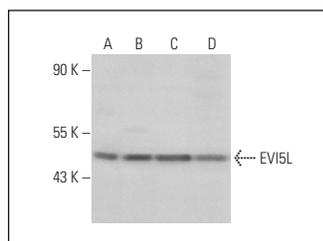
Molecular Weight of mouse EVI5L: 51 kDa.

Positive Controls: MDA-MB-435S whole cell lysate: sc-364184, A-431 whole cell lysate: sc-2201 or U-251-MG whole cell lysate: sc-364176.

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.

DATA



EVI5L (H-107): sc-135081. Western blot analysis of EVI5L expression in MDA-MB-435S (A), A431 (B) and U-251-MG (C) whole cell lysates and mouse colon tissue extract (D).

PROTOCOLS

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



Try **EVI5L (G-7): sc-390893**, our highly recommended monoclonal alternative to EVI5L (H-107).