

## REEP6 (N-14): sc-133410

### BACKGROUND

Members of the REEP (receptor expression enhancing protein) family contain a TB2/DP1 and a HVA22 domain, which are involved in intracellular trafficking and secretion. REEP6 (receptor expression enhancing protein 6), also known as receptor accessory protein 6, DP1L1 or TB2L1, is a 184 amino acid multi-pass membrane protein belonging to the DP1 family. REEP6 may enhance the cell surface expression of odorant receptors and may interact with odorant receptor proteins. The gene encoding REEP6 maps to human chromosome 19, which 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).

### REFERENCES

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### CHROMOSOMAL LOCATION

Genetic locus: REEP6 (human) mapping to 19p13.3; Reep6 (mouse) mapping to 10 C1.

### SOURCE

REEP6 (N-14) is an affinity purified rabbit polyclonal antibody raised against a peptide mapping at the N-terminus of REEP6 of human origin.

### PRODUCT

Each vial contains 100 µg IgG in 1.0 ml of PBS with < 0.1% sodium azide and 0.1% gelatin.

Blocking peptide available for competition studies, sc-133410 P, (100 µg peptide in 0.5 ml PBS containing < 0.1% sodium azide and 0.2% BSA).

### APPLICATIONS

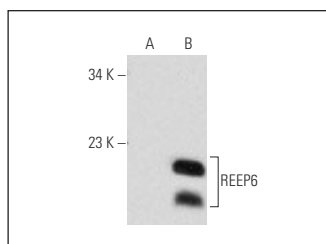
REEP6 (N-14) is recommended for detection of REEP6 of mouse, rat and human origin by Western Blotting (starting dilution 1:100, dilution range 1:50-1:500), immunoprecipitation [1-2 µg per 100-500 µg of total protein (1 ml of cell lysate)], immunofluorescence (starting dilution 1:25, dilution range 1:25-1:250) and solid phase ELISA (starting dilution 1:30, dilution range 1:30-1:3000); non cross-reactive with other REEP family members.

Suitable for use as control antibody for REEP6 siRNA (h): sc-97151, REEP6 siRNA (m): sc-152795, REEP6 shRNA Plasmid (h): sc-97151-SH, REEP6 shRNA Plasmid (m): sc-152795-SH, REEP6 shRNA (h) Lentiviral Particles: sc-97151-V and REEP6 shRNA (m) Lentiviral Particles: sc-152795-V.

Molecular Weight of REEP6: 21 kDa.

Positive Controls: REEP6 (h): 293T Lysate: sc-110960, Hep G2 cell lysate: sc-2227 or PC-3 cell lysate: sc-2220.

### DATA



REEP6 (N-14): sc-133410. Western blot analysis of REEP6 expression in non-transfected: sc-117752 (A) and human REEP6 transfected: sc-110960 (B) 293T whole cell lysates.

### 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.

**MONOS**  
Satisfaction  
Guaranteed

Try **REEP6 (H-9): sc-393569** or **REEP6 (B-12): sc-374167**, our highly recommended monoclonal alternatives to REEP6 (N-14).