

For Research Use Only

# REEP4 Recombinant antibody

Catalog Number: 86164-2-RR



## Basic Information

**Catalog Number:**

86164-2-RR

**Concentration:**

1000 µg/ml

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG24569

**GenBank Accession Number:**

BC013048

**GeneID (NCBI):**

80346

**UNIPROT ID:**

Q9H6H4

**Full Name:**

receptor accessory protein 4

**Calculated MW:**

29 kDa

**Observed MW:**

29 kDa

**Purification Method:**

Protein A purification

**CloneNo.:**

250770C3

**Recommended Dilutions:**

WB: 1:5000-1:50000

## Applications

**Tested Applications:**

WB, ELISA

**Species Specificity:**

human, mouse, rat

**Positive Controls:**

WB : K-562 cells, mouse testis tissue, U-251 cells, BxPC-3 cells, HaCaT cells, rat testis tissue

## Background Information

REEP4 (Receptor Expression-Enhancing Protein 4) is a member of the REEP family of proteins, a transmembrane protein that interacts with odorant receptor proteins and may enhance the odorant receptor responses to odorants. It is localized to the endoplasmic reticulum (ER) and is associated with the nuclear envelope (NE). REEP4 helps link the high-curvature ER to the ELYS-based nuclear pore complex (NPC) seed, thereby promoting NPC biogenesis during late mitosis. REEP4 expression is associated with the cell cycle, osteoclast differentiation, Fc gamma R-mediated phagocytosis, and Human T-cell leukemia virus 1 infection. (PMID: 36191880; 38947393)

## Storage

**Storage:**

Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

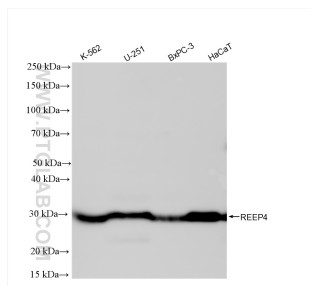
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86164-2-RR (REEP4 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.