

For Research Use Only

REEP4 Recombinant antibody, PBS Only

Catalog Number: 86164-2-PBS



Basic Information

Catalog Number: 86164-2-PBS	GenBank Accession Number: BC013048	Purification Method: Protein A purification
Concentration: 1 mg/ml	GeneID (NCBI): 80346	CloneNo.: 250770C3
Source: Rabbit	UNIPROT ID: Q9H6H4	
Isotype: IgG	Full Name: receptor accessory protein 4	
Immunogen Catalog Number: AG24569	Calculated MW: 29 kDa	
	Observed MW: 29 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human, mouse, rat

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 -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS only, pH7.3

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

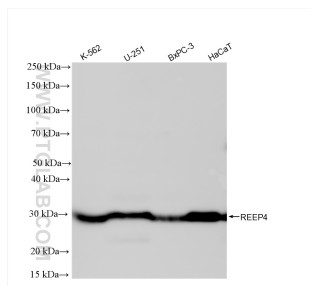
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Selected Validation Data



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. This data was developed using the same antibody clone with 86164-2-PBS in a different storage buffer formulation.