

Anti-REEP4 Antibody

Catalog Number: A12670

About REEP4

Mammalian odorant receptors require accessory proteins such as RTP1 and RTP2 for functional cell surface expression. Receptor expression-enhancing protein (REEP) family members are transmembrane proteins which interact with odorant receptor proteins and may enhance the odorant receptor responses to odorants. Recently studies have shown other chemosensory receptors such as bitter taste receptors are also influenced by RTP and REEP family members. In studies in *Xenopus* RNAi to reduce REEP4 levels, embryos showed a slightly kinked body axis and were paralyzed. Further analysis revealed downregulated levels of several neural and muscle markers, suggesting the REEP4 may play a role in the maintenance of both the nervous system and musculature.

Overview

Product Name	Anti-REEP4 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-REEP4 Antibody (Catalog # A12670). Tested in ELISA, WB applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, WB
Clonality	Polyclonal
Formulation	REEP4 Antibody is supplied in PBS containing 0.02% sodium azide.
Storage Instructions	REEP4 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. Avoid repeated freeze-thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Host	Rabbit
Uniprot ID	Q9H6H4

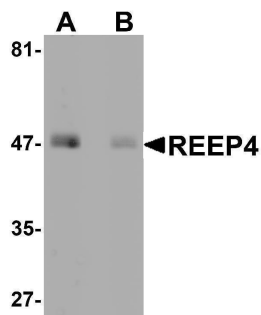
Technical Details

Immunogen	REEP4 antibody was raised against a 17 amino acid synthetic peptide near the center of human REEP4. The immunogen is located within amino acids 160 - 210 of REEP4.
Predicted Reactive Species	Bovine
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	REEP4 Antibody is affinity chromatography purified via peptide column.

Suggested Dilutions

REEP4 antibody can be used for detection of REEP4 by Western blot at 1 ug/mL.
Antibody validated: Western Blot in human samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

Anti-REEP4 Antibody (A12670) Images



Western blot analysis of REEP4 in human lung tissue lysate with REEP4 antibody at 1 ug/ml in (A) the absence and (B) the presence of blocking peptide.

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Anti-REEP4 Antibody

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