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Datasheet for ABIN6991260

anti-Receptor Accessory Protein 4 antibody (AA 160-210)

Overview

Quantity:	0.1 mg
Target:	Receptor Accessory Protein 4 (REEP4)
Binding Specificity:	AA 160-210
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Receptor Accessory Protein 4 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB)

Product 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.
Isotype:	IgG
Purification:	REEP4 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	Receptor Accessory Protein 4 (REEP4)
Alternative Name:	REEP4 (REEP4 Products)
Background:	REEP4 Antibody: 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

Target Details

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.

Gene ID: 80346

UniProt: [Q9H6H4](#)

Application Details

Application Notes: REEP4 antibody can be used for detection of REEP4 by Western blot at 1 µg/mL.

Antibody validated: Western Blot in human samples. All other applications and species not yet tested.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: REEP4 Antibody is supplied in PBS containing 0.02 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, 4 °C

Storage Comment: REEP4 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.