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## **REEP4 Antibody**

**Subcategory:** Rabbit Polyclonal Antibody

**Cat. No.:** 254210

**Unit:** 0.1 mg

### **Description:**

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.

**Isotype:** Rabbit Ig

**Applications:** E, WB

**Species Reactivity:** H, M, R

**Format:** Each vial contains 0.1 ml IgG in PBS pH 7.4 with 0.02% sodium azide. Antibody was purified by immunogen affinity chromatography.

**Alternate Names:** REEP4; Receptor expression enhancing protein 4; receptor accessory protein 4; PP432

**Accession No.:** EAW63714

**Antigen:** KLH-conjugated synthetic peptide encompassing a sequence within human REEP4.

**Application Notes:** E: 1:500-1:1,000; WB: 1:100-1:500

**Storage:** Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.