

**Anti-Human/Mouse/Rat HTR4 Polyclonal Antibody**

**Polyclonal Antibody**

**Cat.NO.: PA07412**

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3th Edition

**Description:** This gene is a member of the family of serotonin receptors, which are G protein coupled receptors that stimulate cAMP production in response to serotonin (5-hydroxytryptamine). The gene product is a glycosylated transmembrane protein that functions in both the peripheral and central nervous system to modulate the release of various neurotransmitters. Multiple transcript variants encoding proteins with distinct C-terminal sequences have been described.

**Antigen:** Synthetic peptide of human HTR4

**Form:**

**How to use:** 1.0 ml distilled water will be added to the product

**Stability:** Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

**Dilution:** PBS (pH7.4) containing 1% BSA

**Application:** This antibody can be used for western blotting in concentration of 1?5?g/ml.

**Specificity:** Isoform 5-HT4(A) is expressed in ileum, brain, and atrium, but not in the ventricle.