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## **Anosmin Antibody**

**Subcategory:** Rabbit Polyclonal Antibody

**Cat. No.:** 254475

**Unit:** 0.1 mg

**Description:**

Mutations in Anosmin-1, an extracellular matrix-associated glycosylated protein, have been linked with Kallmann Syndrome (KS), an X-linked genetic disorder characterized by loss of smell caused by abnormal olfactory bulb development and delayed puberty caused by disrupted migration of the gonadotropin-releasing hormone neuron. Anosmin-1 has been shown to directly bind FGFR1 via its N-terminal cysteine-rich domain, whey-acidic protein-like domain, and its first FnIII repeat with the D2 and D3 ectodomains of FGFR1. It is thought that Anosmin-1 can modulate FGFR1 signaling and have opposing effects on the formation and activation of FGF2-FGFR1-heparin complex.

**Isotype:** Rabbit Ig

**Applications:** E, WB

**Species Reactivity:** H

**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:** Anosmin; Anosmin-1; KALIG-1; KAL1; HHA; KMS;

**Accession No.:** NP\_000207

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

**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.