

Datasheet for ABIN6991537
anti-Anosmin antibody (AA 430-480)



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Overview

Quantity:	0.1 mg
Target:	Anosmin (ANOS1)
Binding Specificity:	AA 430-480
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Anosmin antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunocytochemistry (ICC), Immunofluorescence (IF)

Product Details

Immunogen:	Anosmin antibody was raised against an 18 amino acid synthetic peptide near the center of human Anosmin. The immunogen is located within amino acids 430 - 480 of Anosmin.
Isotype:	IgG
Purification:	Anosmin Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	Anosmin (ANOS1)
Alternative Name:	Anosmin (ANOS1 Products)
Background:	Anosmin Antibody: 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

Target Details

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.

Gene ID: 3730

NCBI Accession: [NP_000207](#)

UniProt: [P23352](#)

Application Details

Application Notes: Anosmin antibody can be used for detection of Anosmin by Western blot at 1 µg/mL. Antibody can also be used for immunocytochemistry starting at 5 µg/mL. For immunofluorescence start at 20 µg/mL.

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

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: Anosmin 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: 4 °C

Storage Comment: Anosmin antibody can be stored at 4 °C, stable for 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.