

Rabbit anti-Human Anosmin Polyclonal Antibody | anti-KAL1 antibody

Anosmin Antibody

CATALOG # AAA39562	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunofluorescence, Immunocytochemistry, Western Blot, ELISA
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PRODUCT SYNONYMS

Anosmin; Polyclonal Antibody; Anosmin Antibody; HH1; HHA; KAL; KMS; ADMLX; WFDC19; KALIG-1; KALIG1; Anosmin-1; Adhesion molecule-like X-linked; Kallmann syndrome 1 sequence; anti-KAL1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Anosmin Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	680
Applicable Applications for anti-KAL1 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	Anosmin antibody was raised against an 18 amino acid synthetic peptide near the center of human Anosmin.
Buffer	Anosmin Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	Anosmin antibody can be stored at 4 degree 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.

IMAGES



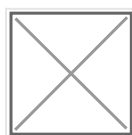
IF (Immunofluorescence)

Immunofluorescence of Anosmin in MCF7 cells with Anosmin antibody at 20 µg/mL.



ICC (Immunocytochemistry)

Immunocytochemistry of Anosmin in MCF7 cells with Anosmin antibody at 5 µg/mL.



WB (Western Blot)

Western blot analysis of Anosmin in MCF7 cell lysate with Anosmin antibody at 1 µg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-KAL1 antibody	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 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	119395746
NCBI GeneID	3730
NCBI Accession #	NP_000207
NCBI GenBank Nucleotide #	NM_000216.2
UniProt Accession #	P23352; B2RPF8
Molecular Weight	76,112 Da
NCBI Official Full Name	anosmin-1
NCBI Official Synonym Full Names	Kallmann syndrome 1 sequence
NCBI Official Symbol	KAL1
NCBI Official Synonym Symbols	HH1; HHA; KAL; KMS; ADMLX; WFDC19; KALIG-1
NCBI Protein Information	anosmin-1; kallmann syndrome protein; adhesion molecule-like X-linked; Kallmann syndrome interval gene 1; WAP four-disulfide core domain 19; Kallmann syndrome-1 sequence (anosmin-1)
UniProt Protein Name	Anosmin-1
UniProt Gene Name	KAL1
UniProt Synonym Gene Names	ADMLX; KAL; KALIG1
UniProt Entry Name	KALM_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/anosmin-antibody-immunofluorescence-immunocytochemistry-western-blot-elisa/39562>