

Rabbit KISS1R / GPR54 Polyclonal Antibody | anti-KISS1R antibody

Rabbit Polyclonal to Human KISS1R / GPR54

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51576	Rabbit	Human Predicted Reactivity: Gibbon, Monkey (at least 90% immunogen sequence identity)	Immunohistochemistry

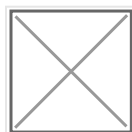
PRODUCT SYNONYMS

KISS1R / GPR54; Polyclonal Antibody; Rabbit Polyclonal to Human KISS1R / GPR54; Anti-KISS1R / GPR54 Antibody (C-Terminus) IHC-plus; KISS1R; AXOR12; GPR54; HOT7T175; KISS-1R; KISS1 receptor; G protein-coupled receptor 54; Metastin receptor; Rot7t175; G-protein coupled receptor 54; HH8; Hypogonadotropin-1; KiSS-1 receptor; Kisspeptins receptor; Human KISS1R; anti-KISS1R antibody

PRODUCT SPECIFICATIONS

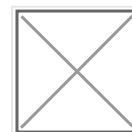
Host	Rabbit
Reactivity	Human Predicted Reactivity: Gibbon, Monkey (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human KISS1R / GPR54. BLAST analysis of the peptide immunogen showed no homology with other human proteins, except ZC3H3 (50%).
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS, 0.1% sodium azide.
Concentration	1 mg/ml (varies by lot)
Sequence Length	398
Applicable Applications for anti-KISS1R antibody	IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic 20 amino acid peptide from C-terminus of human KISS1R / GPR54. Percent identity with other species by BLAST analysis: Human, Gibbon, Monkey (95%); Marmoset (80%).
Immunogen Type	Synthetic peptide
Immunogen	KISS1R / GPR54 antibody was raised against synthetic 20 amino acid peptide from C-terminus of human KISS1R / GPR54. Percent identity with other species by BLAST analysis: Human, Gibbon, Monkey (95%); Marmoset (80%).
Antigen Modification	C-Terminus
Preparation and Storage	Long term: -70 degree C; Short term: +4 degree C

IMAGES



IHC (Immunohistochemistry)

Anti-KISS1R / GPR54 antibody IHC of human tonsil. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody dilution 3-5 ug/ml.



IHC (Immunohistochemistry)

Anti-KISS1R / GPR54 antibody IHC of human brain, cerebellum. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody dilution 3-5 ug/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-KISS1R antibody	GPR54 is a Metastin Receptor. Metastin, also known as KiSS-1, is a metastasis suppressor gene. Mutations in GPR54 have been shown to cause autosomal recessive idiopathic hypogonadotropic hypogonadism in humans and mice, suggesting that GPR54 is a key regulator for the onset of puberty (Seminara et al. 2003).
Product Categories/Family for anti-KISS1R antibody	Family: GPCR; Subfamily: Metastin

NCBI AND UNIPROT INFORMATION

NCBI GI #	62865887
NCBI GeneID	84634
NCBI Accession #	NP_115940.2
NCBI GenBank Nucleotide #	NM_032551.4
UniProt Accession #	Q969F8; Q96QG0; A5D8U2; B2RTV1
Molecular Weight	42,586 Da
NCBI Official Full Name	kiSS-1 receptor
NCBI Official Synonym Full Names	KISS1 receptor
NCBI Official Symbol	KISS1R
NCBI Official Synonym Symbols	HH8; CPPB1; GPR54; AXOR12; KISS-1R; HOT7T175
NCBI Protein Information	kiSS-1 receptor; metastin receptor; hypogonadotropin-1; kisspeptins receptor; G protein-coupled receptor 54; G-protein coupled receptor OT7T175
UniProt Protein Name	KiSS-1 receptor
UniProt Gene Name	KISS1R
UniProt Synonym Gene Names	AXOR12; GPR54; KiSS-1R; hOT7T175
UniProt Entry Name	KISSR_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/kiss1r-gpr54-antibody-immunohistochemistry-elisa/51576>