Rabbit anti-Human KISS1R Polyclonal Antibody | anti-KISS1R antibody

KISS1R Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285989	**Rabbit**	**Human**	**ELISA, Western Blot**

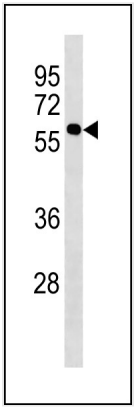
PRODUCT SYNONYMS

KISS1R; Polyclonal Antibody; KISS1R Antibody (Center); KiSS-1 receptor; KiSS-1R; G-protein coupled receptor 54; G-protein coupled receptor OT7T175; hOT7T175; Hypogonadotropin-1; Kisspeptins receptor; Metastin receptor; AXOR12; GPR54; anti-KISS1R antibody

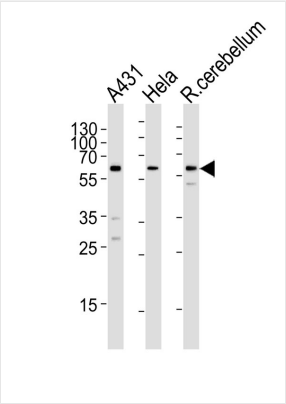
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This KISS1R antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 235-263 amino acids from the Central region of human KISS1R.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	235-263
Sequence Length	398
Applicable Applications for anti-KISS1R antibody	ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
KISS1R Antibody (Center) western blot analysis in HepG2 cell line lysates (35ug/lane).This demonstrates the KISS1R antibody detected the KISS1R protein (arrow).



WB (Western Blot)
Western blot analysis of lysates from A431, Hela cell line and rat cerebellum tissue lysare(from left to right), using KISS1R Antibody (Center). AAA285989 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysates at 35ug per lane.

ADDITIONAL INFORMATION

Related Product Information for anti-KISS1R antibody	Receptor for metastin (kisspeptin-54 or kp-54), a C-terminally amidated peptide of KiSS1. KiSS1 is a metastasis suppressor protein that suppresses metastases in malignant melanomas and in some breast carcinomas without affecting tumorigenicity. The metastasis suppressor properties may be mediated in part by cell cycle arrest and induction of apoptosis in malignant cells. The receptor is essential for normal gonadotropin-released hormone physiology and for puberty. The hypothalamic KiSS1/KISS1R system is a pivotal factor in central regulation of the gonadotropic axis at puberty and in adulthood. The receptor is also probably involved in the regulation and fine-tuning of trophoblast invasion generated by the trophoblast itself. Analysis of the transduction pathways activated by the receptor identifies coupling to phospholipase C and intracellular calcium release through pertussis toxin-insensitive G(q) proteins.
Product Categories/Family for anti-KISS1R antibody	Neuroscience; Signal Transduction; Phospho Antibodies

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	42586
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
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://www.aaabiotech.com/polyclonal/kiss1r-antibody-western-blot-elisa/285989