

Datasheet for ABIN2796067 **anti-KISS1 antibody (Center)**



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Overview

Quantity:	400 µL
Target:	KISS1
Binding Specificity:	AA 235-263, Center
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KISS1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	Rabbit Anti-Human KISS1R (Center) Antibody
Immunogen:	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.
Isotype:	Ig Fraction

Target Details

Target:	KISS1
Alternative Name:	KISS1 (KISS1 Products)
Background:	Target Description: Receptor for metastatin (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

Target Details

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.

Gene Symbol: KISS1R

Molecular Weight: 42586 Da

Gene ID: 84634

UniProt: [Q969F8](#)

Pathways: [Positive Regulation of Peptide Hormone Secretion](#)

Application Details

Application Notes: Western Blot
Recommended Dilutions
WB: 1:1000KISS1R Antibody (Center) .

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.650 mg/mL

Storage: 4 °C,-20 °C

Storage Comment: 2-8°C (short-term), -20°C (long-term)