

Datasheet for ABIN2803580

anti-KISS1R antibody (AA 139-157) (AbBy Fluor® 594)[Go to Product page](#)

Overview

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|----------------------|---|
| Quantity: | 100 µL |
| Target: | KISS1R |
| Binding Specificity: | AA 139-157 |
| Reactivity: | Human, Mouse, Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This KISS1R antibody is conjugated to AbBy Fluor® 594 |
| Application: | Western Blotting (WB) |

Product Details

| | |
|-----------------------|--|
| Immunogen: | KLH conjugated synthetic peptide derived from human KiSS1 receptor |
| Isotype: | IgG |
| Cross-Reactivity: | Human, Mouse, Rat |
| Predicted Reactivity: | Dog, Sheep, Pig, Guinea Pig |
| Purification: | Purified by Protein A. |

Target Details

| | |
|-------------------|--|
| Target: | KISS1R |
| Alternative Name: | KiSS1 Receptor (KISS1R Products) |
| Background: | Synonyms: HH8, CPPB1, GPR54, AXOR12, KISS-1R, HOT7T175, KiSS-1 receptor, G-protein |

Target Details

coupled receptor 54, G-protein coupled receptor OT7T175, Hypogonadotropin-1, Kisspeptins receptor, Metastin receptor, KISS1R

Background: 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.

Gene ID: 84634

UniProt: [Q969F8](#)

Application Details

Application Notes: IF(IHC-P) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months