

## Rabbit anti-Human, Mouse KISS1R Polyclonal Antibody | anti-KISS1R antibody

KISS1R antibody

|                               |                       |                                   |                                                           |
|-------------------------------|-----------------------|-----------------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA304631</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot</b> |
|-------------------------------|-----------------------|-----------------------------------|-----------------------------------------------------------|

### PRODUCT SYNONYMS

KISS1R; Polyclonal Antibody; KISS1R antibody; HH8; GPR54; AXOR12; KISS-1R; HOT7T175; anti-KISS1R antibody

### PRODUCT SPECIFICATIONS

|                                                  |                                                                                                                                     |
|--------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                                                              |
| Reactivity                                       | Human, Mouse                                                                                                                        |
| Clonality                                        | Polyclonal                                                                                                                          |
| Specificity                                      | The antibody detects endogenous level of total KISS1R antibody.                                                                     |
| Purity/Purification                              | Antibodies were purified by affinity purification using immunogen.                                                                  |
| Form/Format                                      | Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| Concentration                                    | 1.0 mg/ml (varies by lot)                                                                                                           |
| Sequence Length                                  | 398                                                                                                                                 |
| Applicable Applications for anti-KISS1R antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                                                       |
| Immunogen Type                                   | Peptide                                                                                                                             |
| Immunogen Description                            | A synthetic peptide of human KISS1R.                                                                                                |
| Target Name                                      | KISS1R                                                                                                                              |
| Preparation and Storage                          | Store at -20 degree C                                                                                                               |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human ovarian cancer tissue using KISS1R antibody.



#### WB (Western Blot)

Western blot analysis of extracts of SW480 cell line, using KISS1R antibody.

### ADDITIONAL INFORMATION

|                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-KISS1R antibody | The protein encoded by this gene is a galanin-like G protein-coupled receptor that binds metastatin, a peptide encoded by the metastasis suppressor gene KISS1. The tissue distribution of the expressed gene suggests that it is involved in the regulation of endocrine function, and this is supported by the finding that this gene appears to play a role in the onset of puberty. Mutations in this gene have been associated with hypogonadotropic hypogonadism and central precocious puberty. |
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|----------------------------------------------------|------------------|
| Product Categories/Family for anti-KISS1R antibody | Total protein Ab |
|----------------------------------------------------|------------------|

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                              |
| UniProt Protein Name             | KiSS-1 receptor                              |
| UniProt Gene Name                | <b>KISS1R</b>                                |
| 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.