

## KISS1 rabbit pAb antibody

| Catalog No : | Source: | Concentration : | Mol.Wt. (Da): |
|--------------|---------|-----------------|---------------|
| A16739       | Rabbit  | 1 mg/ml         |               |

|                              |   |
|------------------------------|---|
| <b>Applications</b>          | WB,ELISA  |
| <b>Reactivity</b>            | Human,Mouse   |
| <b>Dilution</b>              | WB 1:500-2000 ELISA 1:5000-20000  |
| <b>Storage</b>               | -20°C/1 year  |
| <b>Specificity</b>           | KISS1 Polyclonal Antibody detects endogenous levels of protein.   |
| <b>Source / Purification</b> | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.   |
| <b>Immunogen</b>             | Synthesized peptide derived from part region of human protein   |
| <b>Uniprot No</b>            | Q15726  |
| <b>Alternative names</b>     |   |
| <b>Form</b>                  | Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.  |
| <b>Clonality</b>             | Polyclonal  |
| <b>Isotype</b>               | IgG   |
| <b>Conjugation</b>           |   |
| <b>Background</b>            | <p>KiSS-1 metastasis-suppressor(KISS1) Homo sapiens This gene is a metastasis suppressor gene that suppresses metastases of melanomas and breast carcinomas without affecting tumorigenicity. The encoded protein may inhibit chemotaxis and invasion and thereby attenuate metastasis in malignant melanomas. Studies suggest a putative role in the regulation of events downstream of cell-matrix adhesion, perhaps involving cytoskeletal reorganization. A protein product of this gene, kisspeptin, stimulates gonadotropin-releasing hormone (GnRH)-induced gonadotropin secretion and regulates the pubertal activation of GnRH neurons. A polymorphism in the terminal exon of this mRNA results in two protein isoforms. An adenosine present at the polymorphic site represents the third position in a stop codon. When the adenosine is absent, a downstream stop codon is utilized and the encoded protein extends for an additional seven amino acid residues.</p> <p>[provided by R</p> |
| <b>Other</b>                 | KISS1 PP5098, Metastasis-suppressor KiSS-1 (Kisspeptin-1) [Cleaved into: Metastin (Kisspeptin-54); Kisspeptin-14; Kisspeptin-13; Kisspeptin-10]   |

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**Product Images:****Application Key:**

WB-Western IP-Immunoprecipitation IHC-Immunohistochemistry CHIP-Chromatin Immunoprecipitation  
IF-Immunofluorescence F-Flow Cytometry E-P-ELISA-Peptide

**Species Cross-Reactivity Key:**

H-Human M-Mouse R-Rat Hm-Hamster Mk-Monkey Vir-Virus Mi-Mink C-Chicken Dm-D. melanogaster  
X-Xenopus Z-Zebrafish B-Bovine Dg-Dog Pg-Pig Sc-S. cerevisiae Ce-C. elegans Hr-Horse All-All  
Species Expected

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*For life science research only. Not for use in diagnostic procedures.*

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