

A2967

Leader in Biomolecular Solutions for Life Science



www.abclonal.com

# KISS1R Rabbit pAb

Catalog No.: A2967

3 Publications

## Basic Information

### Observed MW

### Calculated MW

43kDa

### Category

Polyclonal Antibody

### Applications

WB,IHC-P,IF/ICC,ELISA

### Cross-Reactivity

Human,Mouse,Rat

## Background

The protein encoded by this gene is a galanin-like G protein-coupled receptor that binds metastin, 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.

## Recommended Dilutions

**WB** 1:500 - 1:1000

**IHC-P** 1:50 - 1:100

**IF/ICC** 1:50 - 1:200

**ELISA** Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

## Immunogen Information

### Gene ID

84634

### Swiss Prot

Q969F8

### Immunogen

A synthetic peptide corresponding to a sequence within amino acids 100-200 of human KISS1R (NP\_115940.2).

### Synonyms

HH8; CPPB1; GPR54; AXOR12; KISS-1R; HOT7T175; KISS1R

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

### Storage

Store at -20°C. Avoid freeze / thaw cycles.

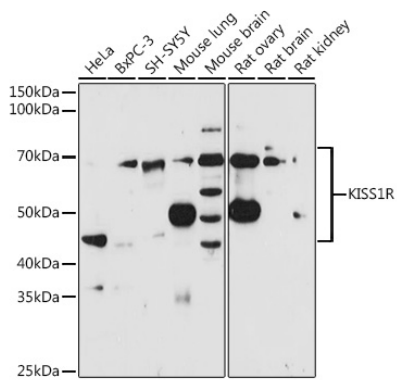
Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.

## Contact

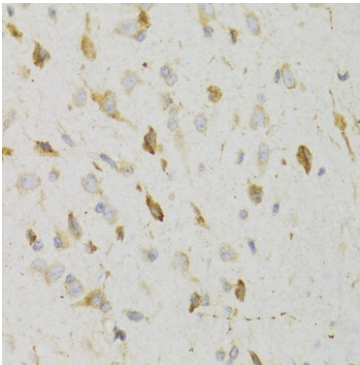


[www.abclonal.com](http://www.abclonal.com)

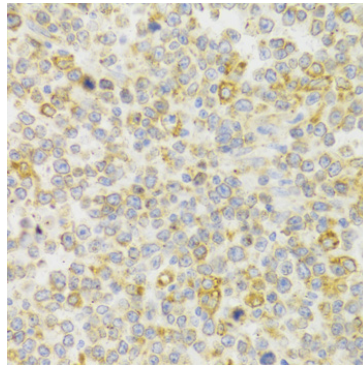
## Validation Data



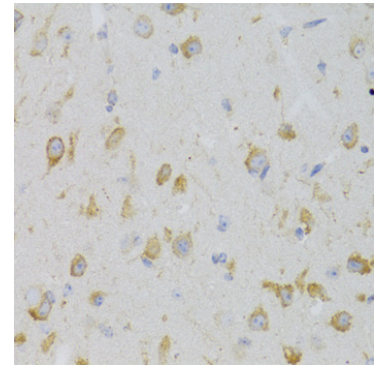
Western blot analysis of various lysates using KISS1R Rabbit pAb (A2967) at 1:1000 dilution.  
 Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
 Lysates/proteins: 25µg per lane.  
 Blocking buffer: 3% nonfat dry milk in TBST.  
 Detection: ECL Basic Kit (RM00020).  
 Exposure time: 60s.



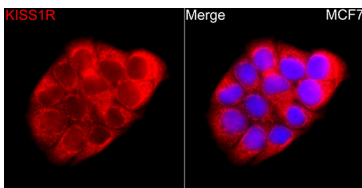
Immunohistochemistry analysis of paraffin-embedded Rat brain using KISS1R Rabbit pAb (A2967) at dilution of 1:100 (40x lens).  
 Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



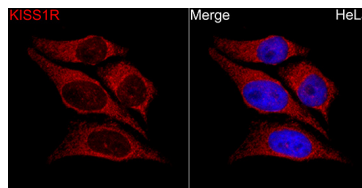
Immunohistochemistry analysis of paraffin-embedded Human B cell lymphoma using KISS1R Rabbit pAb (A2967) at dilution of 1:100 (40x lens).  
 Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Mouse brain using KISS1R Rabbit pAb (A2967) at dilution of 1:100 (40x lens).  
 Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Immunofluorescence analysis of MCF7 cells using KISS1R Rabbit pAb(A2967) at a dilution of 1:150 (40x lens).  
 Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L)(AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of HeLa cells using KISS1R Rabbit pAb(A2967) at a dilution of 1:150 (40x lens).  
 Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L)(AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.