

For Research Use Only

# KISS1R Polyclonal antibody

Catalog Number: 59009-1-Ig



## Basic Information

<b>Catalog Number:</b> 59009-1-Ig	<b>GenBank Accession Number:</b> BC141812	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 150ul , Concentration: 133 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 84634	<b>Recommended Dilutions:</b> WB 1:500-1:2000
<b>Source:</b> Rabbit	<b>Full Name:</b> KISS1 receptor	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 398 aa, 43 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : Recombinant protein,
<b>Species Specificity:</b> human, mouse	

## Background Information

Receptor for metastin (kisspeptin-54, 13, 14, 10), C-terminally amidated peptides of KiSS-1. KiSS-1 is a metastasis suppressor protein that suppresses metastases in malignant melanomas and in some other 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 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.

## Storage

**Storage:**  
Store at -20°C.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

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## Selected Validation Data