



BMA BIOMEDICALS



Peninsula Laboratories

---

## T-4775

### Rabbit anti Kisspeptin-13 (4-13) (human) [Uniprot: Q15726]

Kisspeptin-13 is an amino acid peptide which derives from the proteolytic cleavage of Kisspeptin-145, encoded by the KISS-1 gene located on the chromosome 1. It has been recently reported that it could mitigate memory impairment induced by A $\beta$ 1-42 in mice and it may be used as a potential drug for enhancing memory and treating Alzheimer's disease.

This antibody was generated by immunization of rabbits with Kisspeptin-13 coupled to a carrier protein.

---

#### TECHNICAL AND ANALYTICAL CHARACTERISTICS

<b>Lot number:</b>	019674
<b>Host species:</b>	Rabbit IgG
<b>Quantity:</b>	400 $\mu$ g
<b>Format:</b>	Protein A affinity purified from antiserum, lyophilized, packaged under nitrogen. Reconstitute by adding 0.2ml distilled water. This stock solution contains 2mg/ml IgG, phosphate buffer saline pH 7.4 (PBS), and 0.02% (w/v) Thimerosal as a preservative.
<b>Stability:</b>	Original vial: at least one year at 4 $^{\circ}$ - 8 $^{\circ}$ C from date of delivery. Minimize repeated thawing and freezing of the antiserum by freezing aliquots at -20 $^{\circ}$ C or below.
<b>Applications:</b>	This antibody has been tested and validated in ELISA against Kisspeptin-13. Other applications like immunohistochemistry (IHC), FACS or Western Blot may work as well. Optimal dilutions should be determined by the end user. Please see <a href="http://www.bma.ch">www.bma.ch</a> for protocols and general information.
<b>Immunogen:</b>	Synthetic peptide H-Tyr-Asn-Trp-Asn-Ser-Phe-Gly-Leu-Arg-Phe-NH <sub>2</sub> coupled to carrier protein.

**Cross-Reactivity:**

<b>PEPTIDE:</b>	<b>%:</b>
Kisspeptin-13 (4-13) (human)	100
Malignant Melanoma Metastasis-suppressor	
Kiss-1 (94-121) (human)	100
Pyr-Ser-Leu-Arg-Trp-NH <sub>2</sub>	0
Antho-Rwamide II	0

Related Products:      T-4771: anti Kisspeptin-13, neat antiserum  
                                 T-4775: anti Kisspeptin-13, purified IgG  
                                 S-1308: ELISA, high sensitivity for extracted samples (Kisspeptin-54)  
                                 S-1255: ELISA, high sensitivity for extracted samples (Kisspeptin-13)

---

This product contains Thimerosal as a preservative and is intended for laboratory use and research purposes only. Purchase of this product does not include authorization to use it in diagnostic or therapeutic applications.

T-4775

rabbit IgG – hu

19.8.2020