



BMA BIOMEDICALS



Peninsula Laboratories

Rabbit anti Kisspeptin-13 (4-13)

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 β 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

Catalog Number:	T-4774 (Lot 070305)
Clonality:	Polyclonal
Host species:	Rabbit
Reactivity:	Human
Quantity:	1.0 ml
Format:	Diluted antiserum, lyophilized. This stock solution contains 0.1M sodium phosphate buffer (pH 7.4), 0.05M NaCl, 0.1% BSA, 0.01% NaN ₃ , and 0.1% Triton X-100. Reconstitute by adding 1.0 ml of distilled water.
Stability and Storage:	Original vial: 1 year at 4° - 8°C from date of purchase. Stock solution and aliquots thereof: 1 year at -20°C. Avoid freeze-thaw cycles.
Immunogen:	Synthetic peptide H-Tyr-Asn-Trp-Asn-Ser-Phe-Gly-Leu-Arg-Phe-NH ₂ coupled to carrier protein.
Protein database:	<u>human-Q15726</u>

Cross-Reactivity:

PEPTIDE	%
Kisspeptin-13 (4-13) (human)	100
Kisspeptin-54 (27-54) (human)	100
Antho-Rwamide I	0
Antho-RWamide II	0

Applications:

Tested in ELISA against Kisspeptin-13 (4-13). Other applications like immunohistochemistry (IHC), FACS or Western Blot may work as well.
Optimal dilutions should be determined by the end user.
Please see **bma.ch** for protocols and general information.

Related Products:

T-4771: Rabbit anti Kisspeptin-13, neat antiserum
T-4775: Rabbit 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. Not for diagnostic or therapeutic applications.