T-4249
Rabbit anti Anxiety Peptide (rat)

Anxiety Peptide has been discovered in human and rat brains. It binds to the same receptor through which benzodiazepine drugs exert their effects, such as Valium and Librium. This peptide appears to increase anxiety rather than decreasing it as the drugs to. Anxiety Peptide is located in brain areas, such as hypothalamus and medial amygdaloid nucleus that are important for emotion.

This antibody was generated by immunization of rabbits with Anxiety Peptide coupled to a carrier protein.

TECHNICAL AND ANALYTICAL CHARACTERISTICS

Lot number: n/a

Host species: Rabbit IgG

Quantity: 400µg

Format: 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.

Stability: Original vial: at least one year at 4º - 8ºC from date of delivery. Minimize repeated thawing and freezing of the antiserum by freezing aliquots at -20ºC or below.

Applications: This antibody has been tested and validated in ELISA against Anxiety Peptide. Other applications like immunohistochemistry (IHC), FACS or Western Blot may work as well. Optimal dilutions should be determined by the end user.
Please see **www.bma.ch** for protocols and general information.

Cross-Reactivity:

PEPTIDE:	%:
Anxiety Peptide (rat)	100
Anxiety Peptide (human)	1.5
VIP (human, bovine, porcine, rat)	0
Substance P	0
Somatostatin-14	0
CRF (human, rat)	0
ACTH (1-39) (human)	0
CCK (26-33) (desulfated)	0
Met-Enkephalin	0

Related Products: T-4250: Rabbit anti Anxiety Peptide, neat antiserum

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