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Antibody to Sauvagine
RABBIT POLYCLONAL

Catalog Number: AB-14
Quantity: 100 microliters
Format: Liquid antisera, no preservative
Host: Rabbit
Immunogen: Synthetic sauvagine

Background:

Sauvagine is a 40-residue peptide isolated and characterized from frog skin. It shares significant structural homology with and elicits similar biological responses as corticotropin-releasing factor (CRF). It has high affinity for both the CRF1 and CRF2 receptors (and low affinity for the CRF binding protein), suggesting its potential as a pharmacological tool for the study of these receptor sub-types. Due to the binding to CRF2 receptors and their role in the release of ACTH and beta-endorphin during stress, possible areas of research with this ligand include anxiety, depression and obesity.

Specificity and Preparation:

This antibody recognizes the 40-amino-acid peptide, sauvagine. Synthetic sauvagine was used as immunogen. The antibody is routinely tested by dot blot.

Usage and Storage:

Applications include immunoblotting (ATS in-house; 1:1,000). Working dilutions must be determined by end user. Store the antibody at 4°C for one month or -20°C in undiluted aliquots for one year. Avoid repeated freezing and thawing. Gently spin down material before use; 5-10 seconds in a microfuge should be adequate.

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