

**Antibody to BAM 12P**  
RABBIT POLYCLONAL

**Catalog Number:** AB-13  
**Quantity:** 100 microliters  
**Format:** Liquid antisera, no preservative  
**Host:** Rabbit  
**Immunogen:** Synthetic replicate of BAM 12P

**Background:** Bovine Adrenal Medulla Dodecapeptide (BAM 12P). This opioid peptide (k-opiate receptor) is a COOH-terminal extended bovine adrenomedullary Met-enkephalin dodecapeptide with the structure Tyr-Gly-Gly-Phe-Met-Arg-Arg-Val-Gly-Arg-Pro-Glu-OH. This is a 12 amino acid fragment of the enkephalin precursor preproenkephalin A.

**Specificity & Preparation:** This antibody recognizes mammalian BAM 12P. The immunogen is a synthetic replicate of BAM 12P. The antibody is routinely tested by dot blot.

**Usage:** Applications include immunoblotting (1:4,000),<sup>2</sup> immunohistochemistry (frozen fixed sections; 1:20 to 1:200),<sup>1</sup> and radioimmunoassay (1:4,000).<sup>2</sup>

**Storage:** 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 5-10 seconds in a microfuge before use.

**Selected References:**

1. Bloch B, Baird A, Ling N, Benoit R, Guillemin R (1983) Immunohistochemical evidence that brain enkephalins arise from a precursor similar to adrenal preproenkephalin. *Brain Res* 263:251-257.
2. Baird A, Ling N, Bohlen P, Benoit R, Klepper R, Guillemin R. (1982) Molecular forms of the putative enkephalin precursor BAM-12P in bovine adrenal, pituitary, and hypothalamus. *Proc Natl Acad Sci USA* 79:2023-2025.

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