

Rabbit Anti-Leu⁵-Enkephalin Serum

AS-566

Lot # 1765

The pooled antisera were raised in rabbits which were immunized with Leu⁵-enkephalin covalently attached onto a carrier protein. This antibody is specific for Leu⁵-enkephalin and is suitable for use in histochemical preparations of tissues or cells. The antibody has been characterized by RIA, ELISA and immunocytochemical techniques. Dilute the lyophilized antisera with 0.1 ml of 10 mg/ml BSA in PBS for the equivalent concentration of IgG in the whole antisera or with additional buffer for more dilute antibody.

Antibody Specificity

Polypeptide	% Cross Reactivity
Leu ⁵ -Enkephalin	100
Met ⁵ -enkephalin	2
β-Endorphin	<0.001
Dynorphin A	<0.001
Atrial Natriuretic Polypeptide (human)	0
ACTH (human, 1-39)	0
Calcitonin	0
Epidermal growth factor (human)	0
Somatostatin 28	0
Transforming growth factor-alpha	0
Vasoactive Intestinal Peptide	0

Immunocytochemical Staining

The pooled antisera have been found to stain formaldehyde fixed rat brain sections known to express Leu⁵-enkephalin using ABC techniques at a dilution of 1:2000.