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Product datasheet for TA364005

Enkephalin (PENK) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA
Recommended Dilution:	This antibody has been tested and validated in ELISA against BAM-22P. Other applications like immunohistochemistry (IHC), FACS or Western Blot may work as well. Optimal dilutions should be determined by the end user.
Reactivity:	Human, Mammalian
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Synthetic peptide H-Tyr-Gly-Gly-Phe-Met-Arg-Arg-Val-Gly-Arg-Pro-Glu- Trp-Trp-Met-Asp-Tyr-Gln-Lys-Arg-Tyr-Gly-NH2 coupled to a carrier protein.
Formulation:	Neat undiluted antiserum, lyophilized, packaged under nitrogen. Reconstitute by adding 50µl distilled water. This will give the equivalent of undiluted antiserum.
Concentration:	N/A
Conjugation:	Unconjugated
Storage:	Original vial: at least one year at 4° - 8°C from date of delivery. Minimize repeated thawing and freezing of the antiserum by freezing aliquots at -20°C or below.
Gene Name:	proenkephalin
Database Link:	Entrez Gene 5179 Human P01210
Background:	Bovine adrenal medulla docosapeptide (BAM-22P) is a 22-amino acid peptide known to be a potent opioid agonist, derived from the proenkephalin A gene, which is present in the adrenal medulla. The increase in plasma BAM-22P levels may contribute substantially to the increase in total circulating opioid activity documented in cholestatic rats. BAM-22P is used to study the neurobiology of opioids and their receptors. This antibody was generated by immunization of rabbits with BAM-22P coupled to a carrier protein.
Synonyms:	preproenkephalin; proenkephalin

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