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Datasheet for GP-T040

Guinea Pig Brain

Overview

Description:	Guinea Pig Brain - GP-T040
Item No.:	GP-T040
Size:	1 Each
Applications:	Functional Assay, IHC, Purification, WB
Origin:	Guinea Pig

Product Details

Species of Origin:	Guinea Pig

Application Details

Suggested Applications:	Functional Assay, IHC, Purification, WB (Based on references)

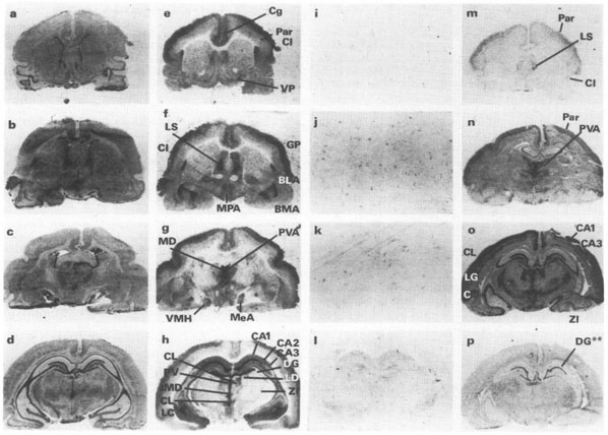
Formulation

Physical State:	Tissue
Sterility:	Non-sterile

Shipping & Handling

Shipping Condition:	Dry Ice
Storage Condition:	Store tissue at -20° C or colder prior to use.
Expiration:	No expiration date is given for this product if properly stored.

Images



Immunohistochemistry
Distribution of 5-ht7 receptor binding and mRNA in guinea-pig coronal forebrain sections dissected form guinea pig brains (p/n GP-T040). (a-d) Histological sections stained with 0.25% Cresyl violet. (e-h) Autoradiographs of total binding from same sections following incubation in 1.0 nm [3HJ-5-carboxamidotryptamine ([3H]-5-CT) in the presence of (-)-cyanopindolol and sumatriptan. (i-I) Autoradiographs from sections adjacent to those in h-n, with non-specific binding defined in the presence of 1µM 5-HT. (m-p) Autoradiographs following in situ hybridization using [35S]-UTP-labelled antisense (m, n, o) and sense (p) strand riboprobes. Darker areas correspond to higher mRNA levels. Section in panel m from a different experiment from n-p. Hybridization in ventromedial hypothalamus is dense just lateral to suprachiasmatic nuclei (arrowhead). Hybridization using sense strand probe was not above background except in hippocampal dentate gyrus (DG**). Abbreviations are defined in Table 2.
Figure 5. PMID: 7647964.

References

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- Nock B et al. Extracti-GelTM D chromatography is a simple, efficient method for removing digitonin during receptor purification: application to the kl opioid receptor. *J Neurosci Methods.* (1993)
- Moscatelli D et al. Mr 25,000 heparin-binding protein from guinea pig brain is a high molecular weight form of basic fibroblast growth factor. *Proc Natl Sci USA* (1987)

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