10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

GALP Antibody (internal region)

Peptide-affinity purified goat antibody
Catalog # AF2573a

Specification

GALP Antibody (internal region) - Product Information

Application	**E**
Primary Accession	Q9UBC7
Other Accession	NP_149097.1, 85569
Predicted	**Human**
Host	**Goat**
Clonality	**Polyclonal**
Concentration	**0.5 mg/ml**
Isotype	**IgG**
Calculated MW	**12545**

GALP Antibody (internal region) - Additional Information

Gene ID 85569

Other Names
Galanin-like peptide, GALP

Format
0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
GALP Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

GALP Antibody (internal region) - Protein Information

Name GALP

Function
[Isoform 1]: Hypothalamic neuropeptide which binds to the G- protein-coupled galanin receptors (GALR1, GALR2 and GALR3). Involved in a large number of putative physiological functions in CNS homeostatic processes, including the regulation of gonadotropin-releasing hormone secretion.

Cellular Location
Secreted.

Tissue Location

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Isoform 2 is found in ganglia of ganglioneuroma and ganglioneuroblastoma, as well as in differentiated tumor cells of neuroblastoma tissues. Not found in undifferentiated neuroblasts Isoform 2 is found in the skin, in pericytes covering microvascular arterioles and venules on their abluminal surfaces. In larger vessels, isoform 2 is expressed in layers of smooth muscle cells. Isoform 2 is not detected in endothelial cells

GALP Antibody (internal region) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

GALP Antibody (internal region) - Images

GALP Antibody (internal region) - References

Evidence for novel susceptibility genes for late-onset Alzheimer's disease from a genome-wide association study of putative functional variants. Grupe A, Abraham R, Li Y, Rowland C, Hollingworth P, Morgan A, Jehu L, Segurado R, Stone D, Schadt E, Karnoub M, Nowotny P, Tacey K, Catanese J, Sninsky J, Brayne C, Rubinsztein D, Gill M, Lawlor B, Lovestone S, Holmans P, O'donovan M, Morris JC, Thal L, Hum Mol Genet. 2007 Feb 22; [Epub ahead of print] PMID: 17317784