

Polyclonal Antibody to Rat Pituitary Growth/Lactation Coupled (PG/LC) Transporter - Aff - Purified

Catalog No.:	SP2044P
Quantity:	0.1 mg
Concentration:	1.0 mg/ml
Background:	PG/LC Transporter is expressed in cells of the pituitary gland that secrete growth hormone and/or prolactin, and also in other cells and tissues involved in calcium homeostasis. The structure of the PG/LC transporter contains novel hexad repeats that may be important for protein - protein interaction.
Host:	Rabbit
Immunogen:	Synthetic peptide derived from external loop 3
Format:	State: Liquid purified IgG Purification: Affinity chromatography on Protein A Buffer System: PBS containing 0.09% Sodium Azide
Applications:	Western Blot: 1/100 - 1/1000. Immunohistochemistry on paraffin sections: 1/50 - 1/200; this product does not require protein digestion pre-treatment of paraffin sections e.g. trypsin or pronase prior to staining; this product does not require antigen retrieval using heat treatment prior to staining of paraffin embedded sections; this antibody has been utilised in immunohistology using fixation with 4% paraformaldehyde followed by paraffin embedding. Recommended Positive Control: Pituitary gland. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody recognises a novel protein termed Pituitary Growth/Lactation Coupled (PG/LC) Transporter. Species: Rat, Mouse. Other species not tested.
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	1. Brasier G, Tikellis C, Xuereb L, Craigie J, Casley D, Kovacs CS, et al. Novel hexad repeats conserved in a putative transporter with restricted expression in cell types associated with growth, calcium exchange and homeostasis. <i>Exp Cell Res.</i> 2004 Feb 1;293(1):31-42. PubMed PMID: 14729055.