

Neuropeptide Q Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP57440

Product Information

Application	IHC-P, IHC-F, IF, ICC, E
Primary Accession	Q9BT56
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	13302

Additional Information

Gene ID	80763
Other Names	Spexin, NPQ, Neuropeptide Q, Spexin hormone, Spexin-1, Spexin-2, NPQ 53-70, SPX, C12orf39
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	SPX
Synonyms	C12orf39
Function	Plays a role as a central modulator of cardiovascular and renal function and nociception. Also plays a role in energy metabolism and storage. Inhibits adrenocortical cell proliferation with minor stimulation on corticosteroid release (By similarity).
Cellular Location	Secreted. Secreted, extracellular space. Cytoplasmic vesicle, secretory vesicle. Note=Secreted via the classical ER/Golgi-dependent pathway into the extracellular medium largely as a full-length protein without the signal peptide, and not as a hydrolyzed and amidated peptide (PubMed:17284679, PubMed:19193193). Localized extracellularly surrounding the villous trophoblastic cells. Detected in the serum
Tissue Location	Expressed in the type I glomic cells within the carotid body (at protein level). Expressed predominantly in pancreas, testis, kidney, brain and placenta. Expressed in submucosal layer of esophagus and stomach fundus.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.