

ANF Rabbit Polyclonal Antibody

Catalog# UZ-PA00620

Product information

产品货号	UZ-PA00620
别名	ANP;PND
产品名称	ANF Rabbit Polyclonal Antibody
类别	抗体产品
基因名称	NPPA
推荐应用	WB,ELISA
反应种属	Human,Mouse,Rat
存储缓冲液	Liquid in PBS containing 50% glycerol, and 0.02% New type preservative N.
Human Gene ID	4878
Human Swissprot No.	P01160
免疫原	Synthesized peptide derived from part region of human protein
稀释度	WB 1:500-2000, ELISA 1:5000-20000
预测分子量	16kDa
运输及保存条件	-20°C/1 year
宿主	Rabbit
同种型	Rabbit,IgG
背景介绍	The protein encoded by this gene belongs to the natriuretic peptide family. Natriuretic peptides are implicated in the control of extracellular fluid volume and electrolyte homeostasis. This protein is synthesized as a large precursor (containing a signal peptide), which is processed to release a peptide from the N-terminus with similarity to vasoactive peptide, cardiodilatin, and another peptide from the C-terminus with natriuretic-diuretic activity. Mutations in this gene have been associated with atrial fibrillation familial type 6. This gene is located adjacent to another member of the natriuretic family of peptides on chromosome 1. [provided by RefSeq, Oct 2015],
细胞定位	[Long-acting natriuretic peptide]: Secreted . Detected in blood. .; [Vessel dilator]: Secreted . Detected in blood. .; [Kaliuretic peptide]: Secreted . Detected in blood. .; [Urodilatin]: Secreted . Detected in urine (PubMed:2972874, PubMed:9794555, PubMed:8351194, PubMed:8779891). Not detected in blood (PubMed:8351194). In increased electrolytes, osmolality and intracellular cAMP levels increase peptide secretion/excretion (PubMed:9893117, PubMed:8853410, PubMed:8351194, PubMed:8779891). .; [Atrial natriuretic peptide]: Secreted . Perikaryon . Cell projection . Detected in blood (PubMed:8351194, PubMed:8779891, PubMed:7955907, PubMed:8653797, PubMed:15741263, PubMed:18835931, PubMed:2532366, PubMed:7984506). Detected in urine in one study (PubMed:8351194). However, in another study, was not detected in urine (PubMed:7984506). Detected in cytoplasmic bodies and neuronal processes of pyramidal neurons (layers II-VI) (PubMed:30534047). Increased secretion in response to the vasopressin AVP (By similarity). Likely to be secreted in response to an increase in atrial pressure or atrial stretch (PubMed:2532366). In kidney cells, secretion increases in response to activated guanylyl cyclases and increased intracellular cAMP levels (PubMed:9893117). Plasma levels increase 15 minutes after a high-salt meal, and decrease back to normal plasma levels 1 hr later (PubMed:8779891). .; [Atriopeptin-3]: Secreted . Detected in blood. Slight increase in secretion in response to the vasopressin AVP. .
纯化	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

ANF Rabbit Polyclonal Antibody

Catalog# UZ-PA00620 (cont.)

Product information

Clonality

Polyclonal