



Rabbit Anti-Sauvagine antibody

SL11424R

Product Name:	Sauvagine
Chinese Name:	蛙皮降压肽抗体
Alias:	Sauvagin; Sauvagine; SVG; SAUV PHYSA.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	frog
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	4.6kDa
Cellular localization:	Secretory protein
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from frog Sauvagine (C-QGPPISIDLSLELLRKMIEIEKQEKEKQQAANNRLLLDTI-NH ₂):1-40
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. 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.
PubMed:	PubMed
Product Detail:	Sauvagine is a 40-residue peptide isolated and characterized from frog skin. It shares significant structural homology with and elicits similar biological responses as corticotropin-releasing factor (CRF). It has high affinity for both the CRF1 and CRF2 receptors (and low affinity for the CRF binding protein), suggesting its potential as a pharmacological tool for the study of these receptor sub-types. Due to the binding to CRF2 receptors and their role in the release of ACTH and beta-endorphin during stress,

possible areas of research with this ligand include anxiety, depression and obesity.

Function:

Hypotensive and diuretic peptide.

Subcellular Location:

Secreted.

Similarity:

Belongs to the sauvagine/corticotropin-releasing factor/urotensin I family.

Database links:

UniProtKB/Swiss-Prot: P01144.1

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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