SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-Sauvagin antibody

Catalog Number: SL11424R

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	Sauvagin
Immunogen:	KLH conjugated synthetic peptide derived from frog Sauvagine (C-QGPPISIDLSLELLRKMIEIEKQEKEKQQAANNRLLLDTI-NH2): 1-40/40
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	IHC-P=1:100-500 IHC-F=1:100-500 ICC/IF=1:100-500 IF=1:100-500 ELISA=1:5000-10000 （Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	(predicted:Frog)
Predicted MW.:	4.6kDa
Subcellular Location:	Secretory protein
Background:	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.

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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	Similarity: Belongs to the sauvagine/corticotropin-releasing factor/urotensin I family. **Database links:** UniProtKB/Swiss-Prot: P01144.1

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