

Rabbit Anti-Batroxobin antibody

SL0911R

Product Name	Batroxobin
Chinese Name	蛇毒巴曲酶/类凝血酶抗体
Alias	Agkistrodon halys Batroxobin; Thrombin-like enzyme batroxobin; BX; SVTLE; Bothrops atrox serine proteinase; Defibrase; Fibrinogen-clotting enzyme; Reptilase; Snake venom serine protease; SVSP; Venombin A.
Research Area	Neurobiology
Immunogen Species	Rabbit
Clonality	Polyclonal
React Species	(predicted:Bothrops atrox) IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500,ELISA=1:5000-10000 (Paraffin sections need antigen repair)
Applications	not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Theoretical molecular weight	25kDa
Form	Liquid
Concentration	1mg/ml
immunogen	KLH conjugated synthetic peptide derived from Agkistrodonhalys Batroxobin: 1-100/255
Lsotype	IgG
Purification	affinity purified by Protein A
Buffer Solution	(predicted:Bothrops atrox)1M TBS(pH7.4) with 1% BSA, (predicted:Bothrops atrox)3% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Attention	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
PubMed	PubMed
Product Detail	Batroxobin, also known as reptilase, is a snake venom enzyme with Venombin A activity produced by Bothrops atrox and Bothrops moojeni, venomous

species of pit viper found east of the Andes in South America. It is a hemotoxin which acts as a serine protease similarly to thrombin, and has been the subject of many medical studies as a replacement of thrombin.

Function:

Thrombin-like snake venom serine protease. Cleaves Arg-Gly bonds in fibrinogen alpha chains (FGA).

Subcellular Location:

Secreted.

Tissue Specificity:

Expressed by the venom gland.

Similarity:

Belongs to the peptidase S1 family. Snake venom subfamily.
Contains 1 peptidase S1 domain.

SWISS:

P04971

Gene ID:

N/A