



Rabbit Anti-Batroxobin antibody

SL0912R

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.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Bothrops atrox
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=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:	25kDa
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from Agkistrodon halys Batroxobin:165-231/255
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:	No data available. Function: Thrombin-like snake venom serine protease. Cleaves Arg-Gly bonds in fibrinogen alpha chains (FGA).

Subunit:
Secreted.

Subcellular Location:
Expressed by the venom gland.

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

SWISS:
N/A

Gene ID:
N/A

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

Batroxobin蛇毒巴曲酶蛋白是经生物工程提纯、精制而得丝氨酸蛋白酶。
其作用机制为：

- ①具有分解血纤维蛋白原、抑制血栓形成作用。
- ②具有诱发TPA的释放、增强TPA的作用、促进纤维蛋白溶酶的生成、减少 α 2-P1和PAI、溶解血栓的作用。
- ③具有降低血粘度、抑制红细胞凝集、沉降、增强红细胞的血管通过性及变形能力、降低血管阻力以及改善微循环等作用。使溶栓作用快速，缺血部位功能恢复，从而达到治疗和防止复发的效果。